CAMPBELL CASEMENTS

THE FIREPROOF PRODUCTS CO., Inc.
536-548 EAST 133rd STREET,
NEW YORK

INTERMEDIATE TYPE

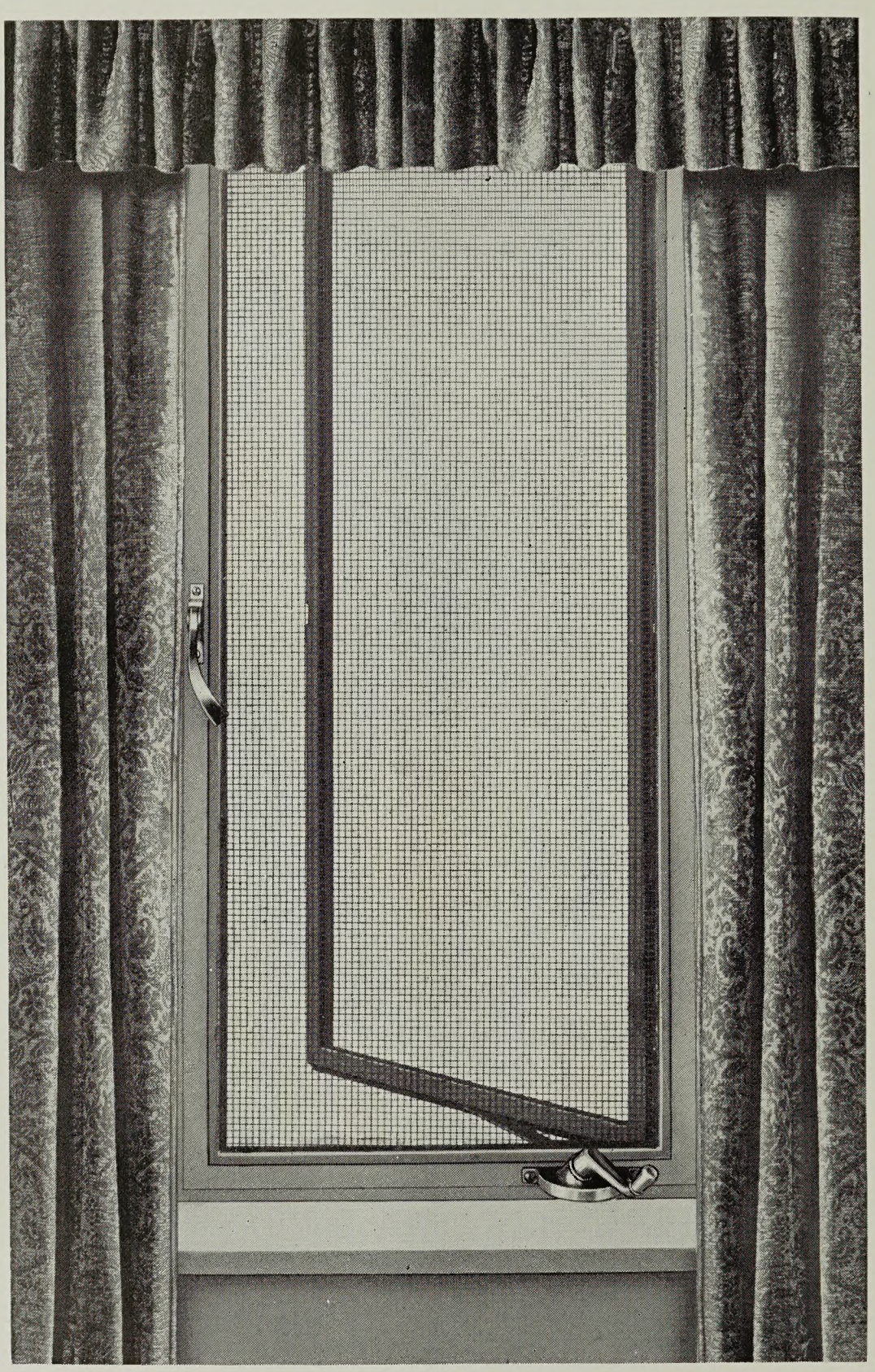
THE CAMPBELL METAL WINDOW CORP.

30 Rockefeller Plaza

NEW YORK CITY

PLANT - - Bush Street, Baltimore, Md.

Offices in the Principal Cities



Campbell Intermediate Casements, when required, are fitted with worm geared operator, latching fastener and fixed screen. This arrangement allows the Casement to be opened or closed without removing or raising the insect screen.

Campbell Casement Windows

Intermediate Casements

400 B series

CAMPBELL CASEMENTS

combine the features of

SUPERIOR DESIGN
BEST OF MATERIALS
EXPERT WORKMANSHIP

SPECIFICATIONS

Campbell Intermediate Type Casement Windows
Campbell Projected Type Casement Windows
Campbell Combination Type Casement Windows

Series 400-B

When specified, side hinged casements can be furnished to "swing in." However, it is recommended as a general rule that vents "swing out."

GENERAL:

All windows shown on the drawings or hereinafter specified shall be CAMPBELL SERIES 400-B Intermediate Casement Windows (or Projected Casement Windows or Combination Casement Windows) manufactured by the Campbell Metal Window Corporation.

SCOPE OF WORK:

The window manufacturer shall include in his work the furnishing of all steel casement windows complete with necessary hardware, as hereinafter specified, and installation fittings. The windows shall be in strict accordance with the design and sizes shown on the drawings or covered by these specifications. The window manufacturer shall also include in his work the erection of all steel casement windows and the attachment of hardware.

WORK AND MATERIAL NOT INCLUDED:

Glass, putty, glazing, caulking and field painting are not included in this work but are specified elsewhere under separate headings.

MATERIAL:

Window members shall be solid section, one-piece, hot-rolled, new billet steel bars. They shall be especially designed with wide baffle legs and heavy fillets. Drip members shall be formed, No. 16 gauge steel, electro-galvanized.

WEIGHT:

The combined weight of frame and vent members exclusive of glazing bead, shall not be less than 3.50 pounds per lineal foot.

CONSTRUCTION:

Frames for vents shall be constructed of equal leg channel members, not less than 1-7/16″ deep. Fixed light frame members may be equal leg, deep channel members, not less than 1-5/16″ deep. Meeting rails shall be either equal leg zee members or unequal leg H members as shown on the drawings. Stiles to be especially designed members for use adjacent to vents. Vent members shall be unequal leg zee members, not less than 1-7/16″ deep. The combined weight of the frame and ventilator section shall be not less than 3.5 pounds per lineal foot.

The corners of the frames and vents shall be accurately mitered or coped and welded with the exposed surfaces ground smooth. The meeting rails and stiles shall be tenoned, mortised and riveted to the frame members making neat joints. The frame and vent assemblies shall be made in a workmanlike manner, true and square.

Provide continuous, two-point, flat contact weathering, not less than 3/8″ wide, between vents and frames.

Sight lines shall be carefully preserved throughout the windows.

Plates to receive hardware and fittings shall be solidly welded in place and shall be of sufficient size to resist torsion after hardware is applied.

The frames of units with transoms or hopper vents shall be made as complete window units. Built-up transoms or hopper vents will not be permitted.

CONSTRUCTION *(continued)*:

Muntins, where required, shall be especially designed tee members, not less than 1-1/4″ deep. They shall be continuous between main frame bars and between vent bars. The intersections shall be coped and solidly welded on two sides of the stem, and they shall be flush, with no excess metal permitted. Muntin joints to frames or vents shall be tenoned, mortised and riveted.

Glazing beads, where required, shall be especially designed hot-rolled bars, neatly fitted and coped. They shall be applied with bronze oval head screws.

Hot rolled Mullions and Transom Bars shall be provided between adjacent units set in the same opening.

FINS:

Fins of No. 12 gauge steel, shall be applied to the head and jambs of all windows not set in stone or metal sub frames.

HARDWARE:

All hardware shall be supplied for the windows by the manufacturerer and shall be of his standard pattern. The design of the hardware shall be of pleasing appearance and shall permit smooth, easy operation of all vents. Vents located more than 5′-6″ from the floor line shall have hardware designed for pole operation.

In general, the finished hardware shall be of solid red bronze, No. U. S. 10 finish unless otherwise noted on the drawings, or specified herein.

Hardware for the various types of vents shall be as follows:

1 Side Hinged Vents:

a—Single vents and multiple vents with fixed meeting rails shall be equipped with steel, extension, friction hinges with bronze bushed pins and fasteners. Alternate: Steel (or bronze with bronze pin), five-knuckle, half surface butt hinges; fasteners, and concealed friction adjusters at head of vents.

b—Double vent units without fixed meeting rails shall be equipped with the same hardware as listed in Paragraph (a), except that cremorne bolts shall be furnished in lieu of fasteners.

c—Outward swung single and multiple vents with fixed meeting rails where flat, close up type screens are required, shall be equipped with underscreen operators and special screen type fasteners in lieu of fasteners and concealed friction adjusters listed in Paragraph (a).

d—All vents exceeding 5′-0″ in height shall be equipped with three hinges per vent and Duplex fasteners.

e—*(Note)* (Thumb screw adjusters are furnished only on definite specifications.)

2 Top Hinged Vents, Outward Swung:

a—Top hinged vents shall be hung on five-knuckle, half surface butt hinges and shall be equipped with standard peg stay for holding the vent open.

3 Bottom Hinged Vents, Inward Swung:

a—Bottom hinged vents shall be hung on five-knuckle, half surface butt hinges, and shall be equipped with fasteners or ring catches and concealed friction adjusters.

4 Projected Down and Out Vents:

a—Projected down and out vents shall be hung on pivots having adjustable compression springs to regulate the amount of friction between the bronze shoes

HARDWARE *(continued)*:

and the frame members. They shall be balanced on two heavy steel arms fastened to the frame and vent with solid bronze blocks, and shall be equipped with removable stops limiting the opening of the vent, and yet permit cleaning of the glass from the inside of the building. Vents shall be provided with fasteners mounted at the sill of the vent.

5 Projected Up and In Vents:

a—Projected up and in vents shall be equipped the same as projected down and out vents except that fasteners or ring catches are to be furnished and the removable stops are to limit the opening of the vents to 35 degrees.

6 Horizontally and Vertically Pivoted Vents:

a—Horizontally pivoted vents shall be equipped with friction pivots and ring catches.

b—Vertically pivoted vents shall be equipped with non-friction pivots; fasteners as specified for side hinged vents, and thumb screw adjusters.

PAINTING:

All windows shall be given one prime coat of rust-resisting paint at the factory.

MASTIC:

The window manufacturer shall supply one pound of mastic for each six lineal feet of window unit perimeter.

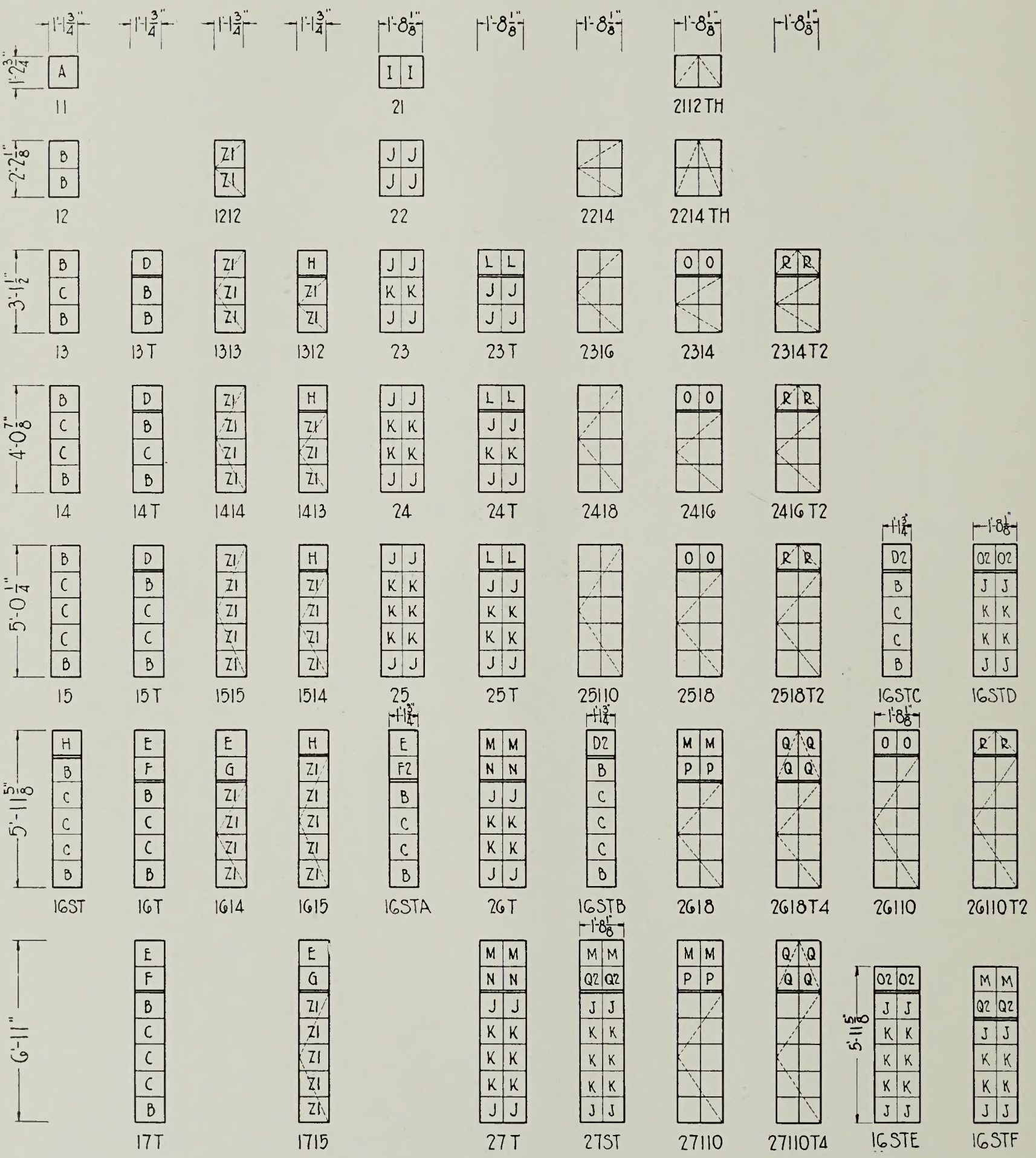
ERECTION:

The windows shall be set plumb and true in the openings, properly aligned and securely anchored before glazing. Windows in multiple unit openings shall be rigidly bolted together. Mastic shall be applied to the window units wherever they come in contact with masonry or adjacent units. *Note:* This operation is not to be construed as caulking which is specified elsewhere under a separate heading.

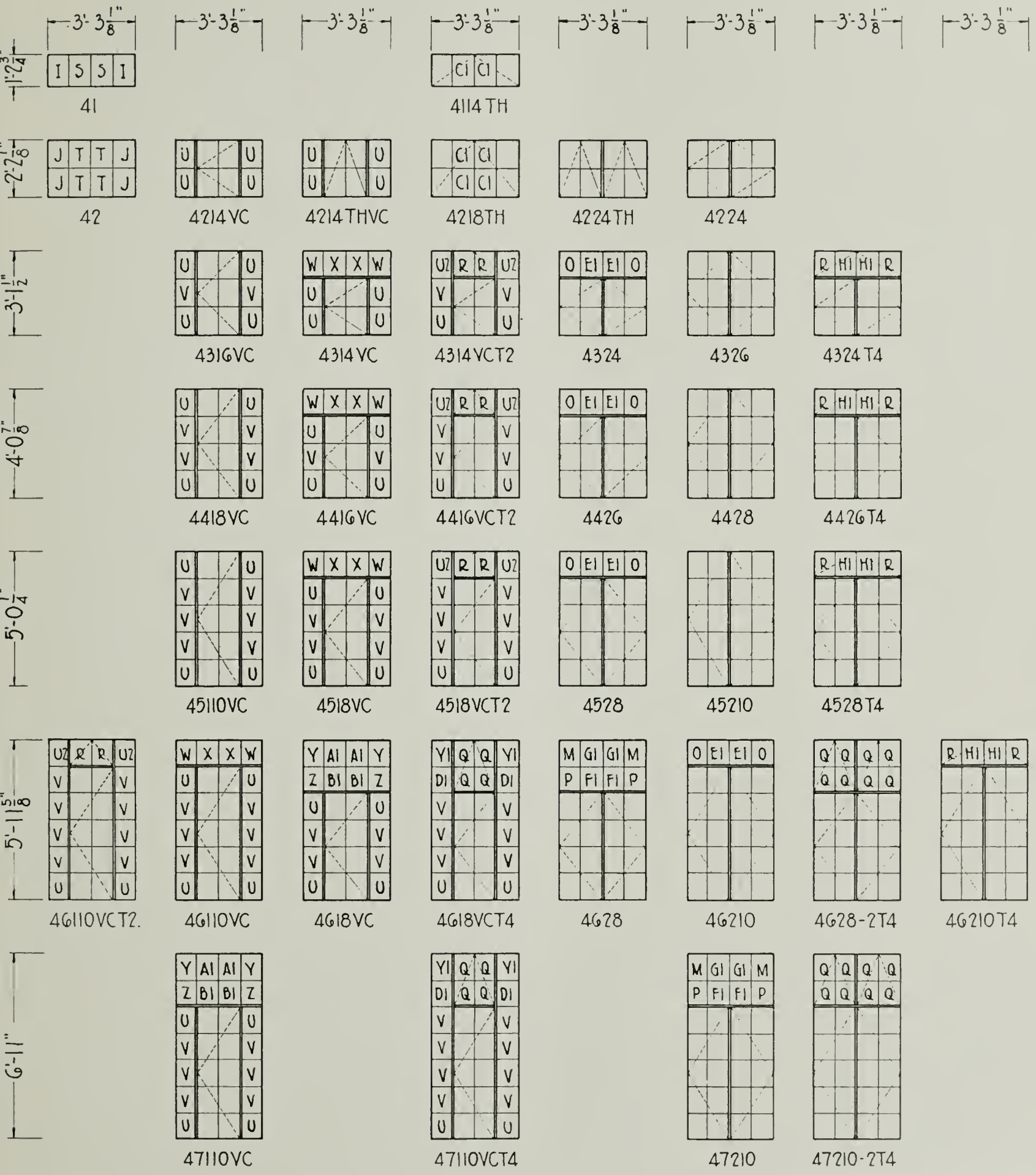
SCREENS:

Screens shall be supplied by the window manufacturer for such openings as are noted on the drawings. They shall be constructed of a formed steel frame, not less than No. 16 gauge, with removable splines permitting re-wiring. Screen cloth shall be bronze, 16 mesh. Screens shall be attached to windows with standard clips and fittings, permitting exterior screens to be removed and replaced from the inside of the building.

PLATES G1 to G7 following show diagrammatically the various standard arrangements of CAMPBELL INTERMEDIATE CASEMENTS. The masonry opening heights and widths necessary to accommodate the combinations shown, together with the standard glass sizes, are set forth. Beneath each combination is the universal symbol of the type.



CAMPBELL METAL WINDOW CORP. NEW YORK	**400-B-SERIES INTERMEDIATE CASEMENTS** **ELEVATIONS OF STANDARD TYPES** **1 LIGHT AND 2 LIGHTS WIDE**	PLATE G-1 JUNE 1934

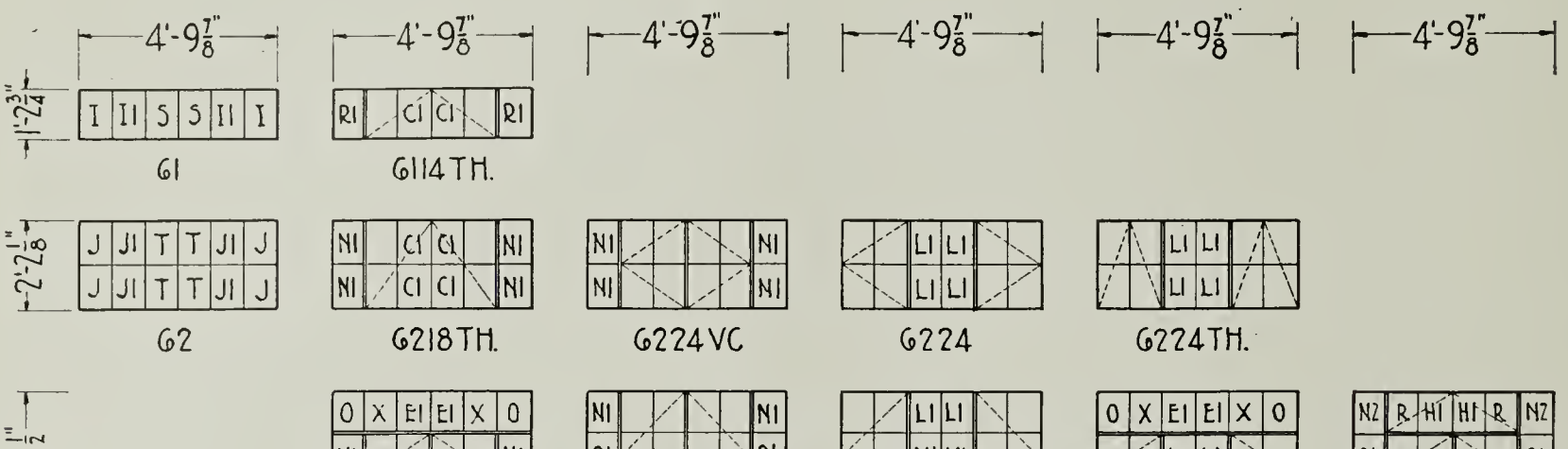


CAMPBELL METAL WINDOW CORP. NEW YORK

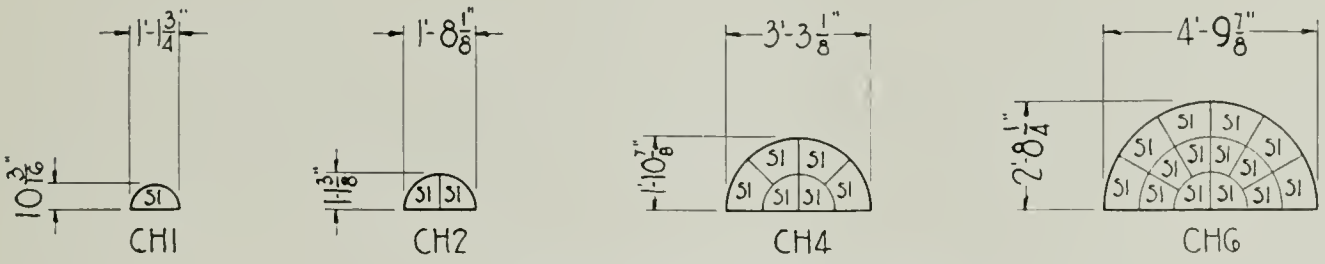
400-B-SERIES INTERMEDIATE CASEMENTS

ELEVATIONS OF STANDARD TYPES 4 LIGHTS WIDE

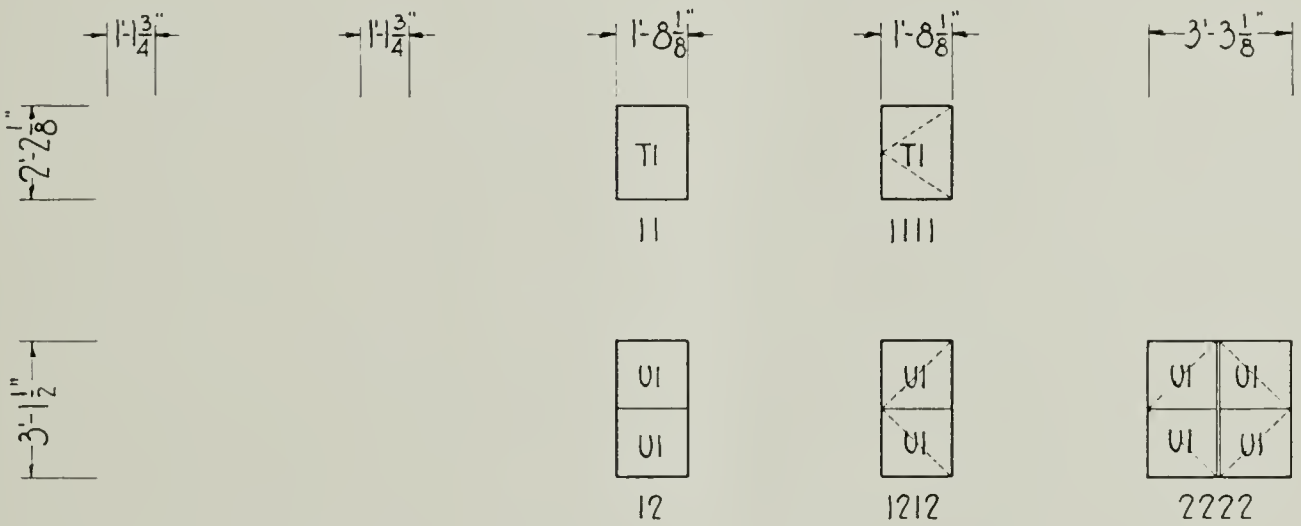
PLATE G-2 JUNE 1934

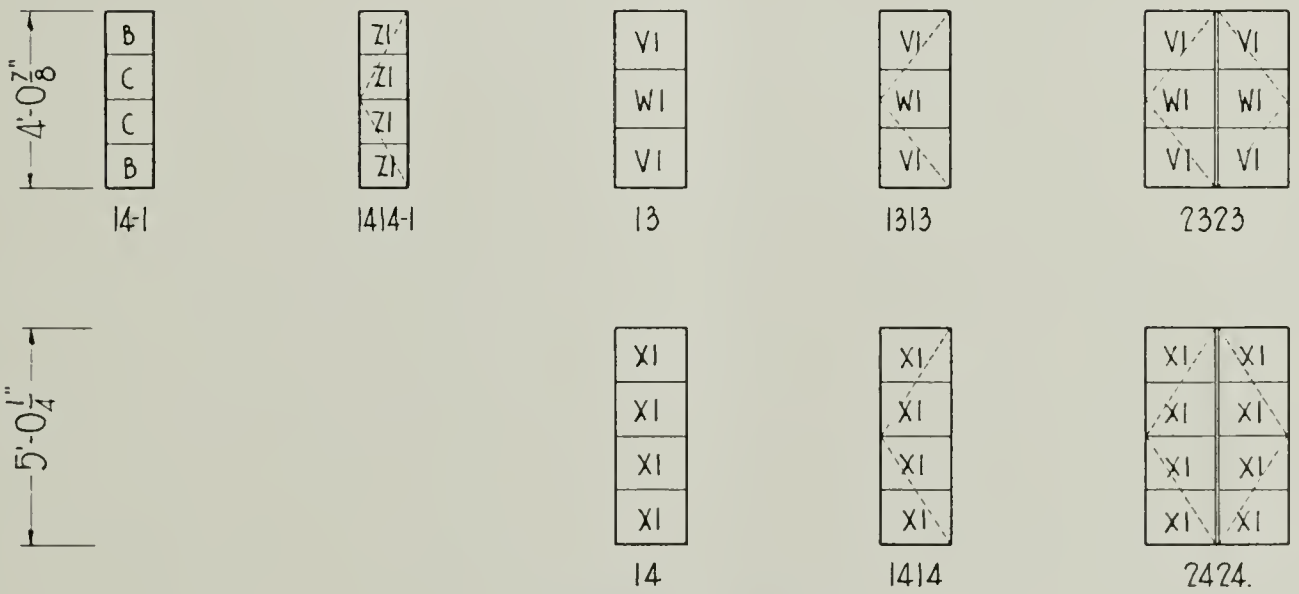


CAMPBELL METAL WINDOW CORP. NEW YORK	400-B-SERIES INTERMEDIATE CASEMENTS ELEVATIONS OF STANDARD TYPES 6 LIGHTS WIDE	PLATE G-3 JUNE 1934



▲ SEMI-CIRCULAR HEAD TYPES. ▲





▲ SPANISH TYPES. ▲

CAMPBELL METAL WINDOW CORP. NEW YORK	**400-B-SERIES INTERMEDIATE CASEMENTS** **ELEVATION OF STANDARD TYPES** **SEMI-CIRCULAR AND SPANISH TYPES**	PLATE G-4 JUNE 1934

GLASS SIZES

WINDOWS WITHOUT SIGHT LINES.			
A	11 3/4 x 12 3/4	A1	9 x 10 3/4
B	11 3/4 x 11 7/8	B1	9 x 10 9/16
C	11 3/4 x 11	C1	9 1/8 x 11
D	11 3/4 x 10 1/2	D1	8 5/8 x 12 1/8
E	11 3/4 x 10 3/4	D2	11 3/4 x 10 1/2
F	11 3/4 x 10 3/4	E1	9 1/8 x 10 5/16
G	11 3/4 x 10 9/16	F1	9 1/8 x 10 9/16
H	11 3/4 x 10 5/16	F2	11 3/4 x 10 3/4
I	8 7/8 x 12 3/4	G1	9 1/8 x 10 3/4
J	8 7/8 x 11 7/8	H1	9 1/8 x 8 3/4
K	8 7/8 x 11	I1	9 x 12 3/4
L	8 7/8 x 10 1/2	J1	9 x 11 7/8
M	8 7/8 x 10 3/4	K1	7 7/8 x 8 3/4
N	8 7/8 x 10 3/4	L1	8 3/4 x 11 7/8
O	8 7/8 x 10 5/16	M1	8 3/4 x 11
P	8 7/8 x 10 9/16	N1	8 1/2 x 11 7/8
Q	8 x 9 7/8	N2	8 1/2 x 11 7/8
R	8 x 8 3/4	O1	8 1/2 x 11
S	9 1/8 x 12 3/4	O2	8 7/8 x 10 5/16
T	9 1/8 x 11 7/8	P1	8 1/2 x 10 3/4
U	8 5/8 x 11 7/8	Q1	8 1/2 x 12 1/8
V	8 5/8 x 11	Q2	8 7/8 x 10 3/4
W	9 x 10 5/16	R1	8 1/2 x 12 3/4
X	9 x 10 5/16	S1	TO TEMPLATE
Y	9 x 10 3/4	U2	8 5/8 x 11 7/8
Z	9 x 10 9/16	Y1	8 5/8 x 10 3/4
		Z1	10 x 11
		LIGHTS NOT MARKED 8x11	

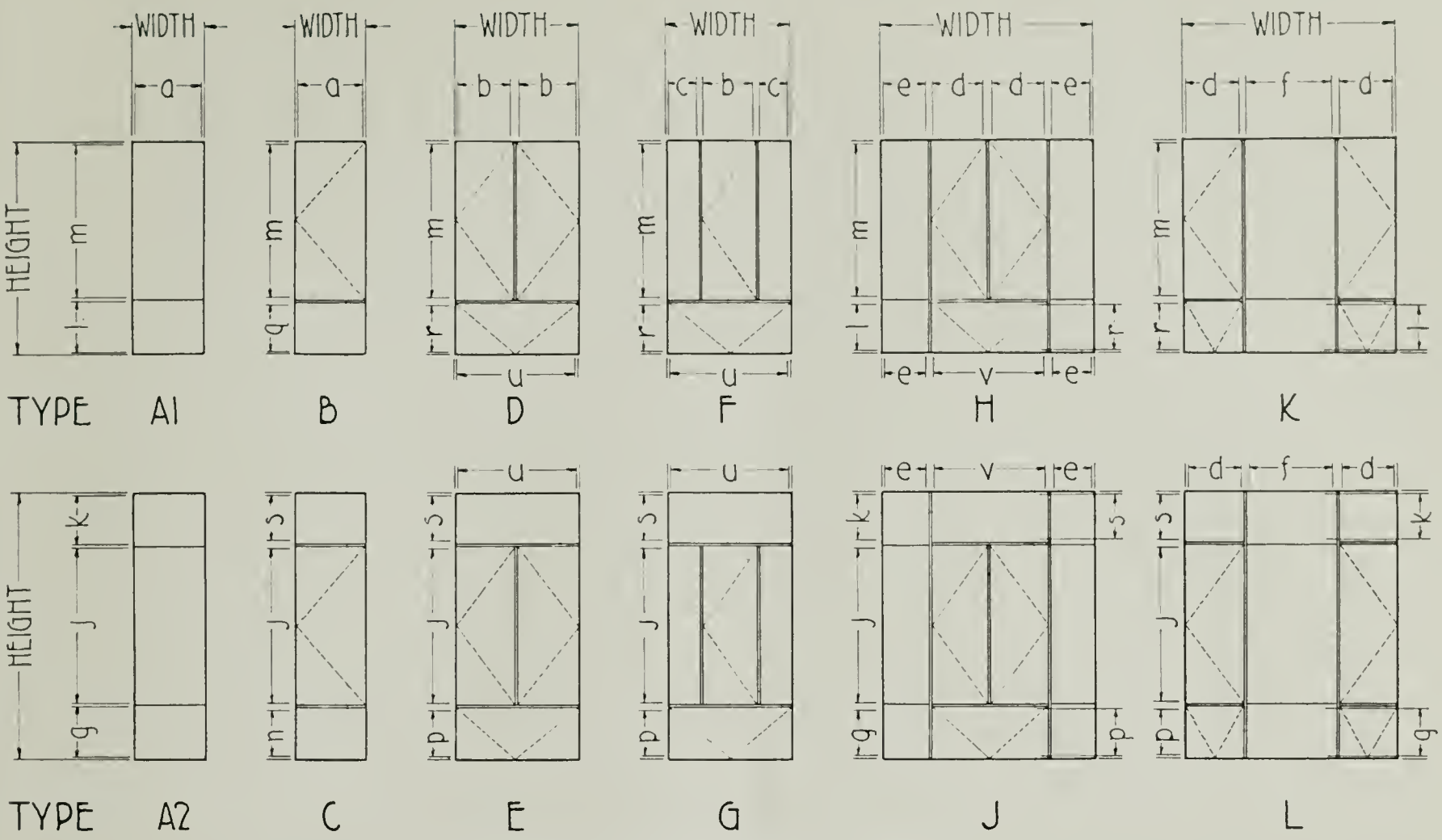
WINDOWS WITH SIGHT LINES.			
A	10 x 11	A1	8 x 9 7/8
B	10 x 11	B1	8 x 11 1/8
C	10 x 11	C1	9 1/8 x 11
D	10 x 10	D1	8 1/8 x 9 7/8
E	10 x 9 7/8	D2	10 x 8 3/4
F	10 x 11 1/8	E1	9 1/8 x 10
G	10 x 11 1/8	F1	9 1/8 x 11 1/8
H	10 x 10	F2	10 x 9 7/8
I	8 x 11	G1	9 1/8 x 9 7/8
J	8 x 11	H1	9 1/8 x 8 3/4
K	8 x 11	I1	9 x 11
L	8 x 10.	J1	9 x 11
M	8 x 9 7/8	K1	9 1/8 x 10
N	8 x 11 1/8	L1	9 1/8 x 11
O	8 x 10	M1	9 1/8 x 11
P	8 x 11 1/8	N1	8 x 11
Q	8 x 9 7/8	N2	8 x 8 3/4
R	8 x 8 3/4	N3	8 x 8 3/4
S	9 1/8 x 11	O1	8 x 11
T	9 1/8 x 11	O2	8 x 8 3/4
U	8 1/8 x 11	P1	8 x 9 7/8
V	8 1/8 x 11	Q1	8 x 9 7/8
W	8 1/8 x 10	Q2	8 x 9 7/8
X	8 x 10	R1	8 x 11
Y	8 1/8 x 9 7/8	S1	TO TEMPLATE
Z	8 1/8 x 11 1/8	T1	16 3/8 x 22 3/8
		U1	16 3/8 x 16 11/16
		U2	8 1/8 x 8 3/4
		V1	16 3/8 x 14 3/4
		W1	16 3/8 x 14 7/8
		X1	16 3/8 x 13 27/32
		Y1	8 1/8 x 9 7/8
		Z1	10 x 11
		LIGHTS NOT MARKED. 8x11	

CAMPBELL METAL WINDOW CORP. NEW YORK

400-B-SERIES INTERMEDIATE CASEMENTS

GLASS SIZES OF STANDARD TYPES

PLATE G-5 JUNE 1934



ELEVATIONS OF STANDARD TYPES.

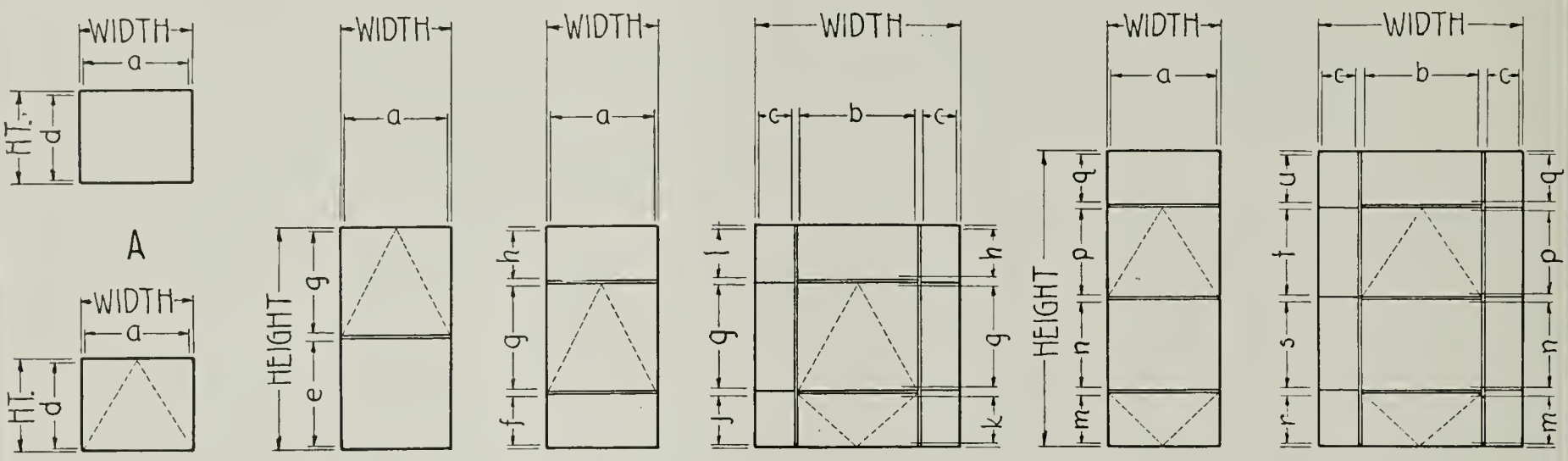
GLASS MARK	GLASS DIMENSIONS FOR WINDOWS WITHOUT SIGHT LINES. OPENING WIDTH OR HEIGHT.															
	1'-6"	1'-9"	2'-0"	2'-6"	3'-0"	3'-6"	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"	7'-6"	8'-0"	8'-6"	9'-0"
a	14 1/4	17 1/4	20 1/4	26 1/4	32 1/4	38 1/4	44 1/4	50 1/4									
b				11 13/16	14 13/16	17 13/16	20 13/16	23 13/16									
c				5 27/32	7 11/32	8 27/32	10 11/32	11 27/32									
d									14 13/16	17 13/16	18 13/16	20 13/16	22 13/16	23 13/16			
e									10 5/8	10 5/8	12 5/8	13 5/8	14 5/8	16 5/8			
f									23 7/8	23 7/8	27 7/8	29 7/8	31 7/8	35 7/8			
g										14 1/8	14 1/8	15 5/8	15 5/8	18 5/8	21 5/8	23 1/8	23 1/8
J										34 1/4	40 1/4	43 1/4	49 1/4	49 1/4	49 1/4	52 1/4	58 1/4
k										13 1/8	13 1/8	14 5/8	14 5/8	17 5/8	20 5/8	22 1/8	22 1/8
l								14 1/8	15 5/8	17 1/8	18 5/8	20 1/8	21 5/8	23 1/8			
m								35 3/4	40 1/4	44 3/4	49 1/4	53 3/4	58 1/4	62 3/4			
n										13 1/8	13 1/8	14 5/8	14 5/8	17 5/8	20 5/8	22 1/8	22 1/8
p										12	12	13 1/2	13 1/2	16 1/2	19 1/2	21	21
q								13 1/8	14 5/8	16 1/8	17 5/8	19 1/8	20 5/8	22 1/8			
r								12	13 1/2	15	16 1/2	18	19 1/2	21			
s										12 1/8	12 1/8	13 5/8	13 5/8	16 5/8	19 5/8	21 1/8	21 1/8
t																	
u				26 1/4	32 1/4	38 1/4	44 1/4	50 1/4									
v									32 1/4	38 1/4	40 1/4	44 1/4	48 1/4	50 1/4			

GLASS MARK	GLASS DIMENSIONS FOR WINDOWS WITH SIGHT LINES. OPENING WIDTH OR HEIGHT.															
	1'-6"	1'-9"	2'-0"	2'-6"	3'-0"	3'-6"	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"	7'-6"	8'-0"	8'-6"	9'-0"
a	14 1/4	17 1/4	20 1/4	26 1/4	32 1/4	38 1/4	44 1/4	50 1/4									
b				11 13/16	14 13/16	17 13/16	20 13/16	23 13/16									
c				5 27/32	7 11/32	8 27/32	10 11/32	11 27/32									
d									14 13/16	17 13/16	18 13/16	20 13/16	22 13/16	23 13/16			
e									10 5/8	10 5/8	12 5/8	13 5/8	14 5/8	16 5/8			
f									23 7/8	23 7/8	27 7/8	29 7/8	31 7/8	35 7/8			
g										12	12	13 1/2	13 1/2	16 1/2	19 1/2	21	21
J										34 1/4	40 1/4	43 1/4	49 1/4	49 1/4	49 1/4	52 1/4	58 1/4
k										12 1/8	12 1/8	13 5/8	13 5/8	16 5/8	19 5/8	21 1/8	21 1/8
l								12	13 1/2	15	16 1/2	18	19 1/2	21			
m								35 3/4	40 1/4	44 3/4	49 1/4	53 3/4	58 1/4	62 3/4			
n										13 1/8	13 1/8	14 5/8	14 5/8	17 5/8	20 5/8	22 1/8	22 1/8
p										12	12	13 1/2	13 1/2	16 1/2	19 1/2	21	21
q								13 1/8	14 5/8	16 1/8	17 5/8	19 1/8	20 5/8	22 1/8			
r								12	13 1/2	15	16 1/2	18	19 1/2	21			
s										12 1/8	12 1/8	13 5/8	13 5/8	16 5/8	19 5/8	21 1/8	21 1/8
t																	
u				26 1/4	32 1/4	38 1/4	44 1/4	50 1/4									
v									32 1/4	38 1/4	40 1/4	44 1/4	48 1/4	50 1/4			

CAMPBELL METAL WINDOW CORP. NEW YORK

400-B-SERIES COMBINATION CASEMENTS
ELEVATIONS OF STANDARD TYPE AND GLASS SIZES

PLATE G-6 JUNE 1934



TYPE B C D F E G

ELEVATIONS OF STANDARD TYPES.

GLASS DIMENSIONS FOR WINDOWS WITHOUT SIGHT LINES. OPENING WIDTH OR HEIGHT.

GLASS MARK	1'-0"	1'-6"	1'-9"	2'-0"	2'-6"	3'-0"	3'-6"	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"	7'-6"	8'-0"	8'-6"	9'-0"
a	8 1/4	14 1/4	17 1/4	20 1/4	26 1/4	32 1/4	38 1/4	44 1/4	50 1/4									
b								25	28 1/2	32	35 1/2	39	42 1/2	46				
c								8 1/4	9 1/2	10 3/4	12	13 1/4	14 1/2	15 3/4				
d	8 1/4	14 1/4	17 1/4	20 1/4	26 1/4	32 1/4	38 1/4	44 1/4										
e						16 1/8	19 1/8	22 1/8	25 1/8	28 1/8	31 1/8	34 1/8	37 1/8	40 1/8				
f									12 3/8	13 7/8	15 3/8	16 7/8	18 3/8	19 7/8				
g						14 3/4	17 3/4	20 3/4	23 3/4	26 3/4	29 3/4	32 3/4	35 3/4	38 3/4				
h									11 3/8	12 7/8	14 3/8	15 7/8	17 3/8	18 7/8				
j									13 3/8	14 7/8	16 3/8	17 7/8	19 3/8	20 7/8				
k									11 1/4	12 3/4	14 1/4	15 3/4	17 1/4	18 3/4				
l									12 3/8	13 7/8	15 3/8	16 7/8	18 3/8	19 7/8				
m													11 1/4	12 3/4	13 3/4	14 1/4	15 3/4	16 3/4
n													23 3/4	25 1/4	27 1/4	29 3/4	31 1/4	33 1/4
p													23 3/4	25 1/4	27 1/4	29 3/4	31 1/4	33 1/4
q													11 3/8	12 7/8	13 7/8	14 3/8	15 7/8	16 7/8
r													12 1/4	13 3/4	14 3/4	15 1/4	16 3/4	17 3/4
s													24 3/4	26 1/4	28 1/4	30 3/4	32 1/4	34 1/4
t													23 3/4	25 1/4	27 1/4	29 3/4	31 1/4	33 1/4
u													12 3/8	13 7/8	14 7/8	15 3/8	16 7/8	17 7/8

GLASS DIMENSIONS FOR WINDOWS WITH SIGHT LINES. OPENING WIDTH OR HEIGHT.

GLASS MARK	1'-0"	1'-6"	1'-9"	2'-0"	2'-6"	3'-0"	3'-6"	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"	7'-6"	8'-0"	8'-6"	9'-0"
a	8 1/4	14 1/4	17 1/4	20 1/4	26 1/4	32 1/4	38 1/4	44 1/4	50 1/4									
b								25	28 1/2	32	35 1/2	39	42 1/2	46				
c								8 1/4	9 1/2	10 3/4	12	13 1/4	14 1/2	15 3/4				
d	8 1/4	14 1/4	17 1/4	20 1/4	26 1/4	32 1/4	38 1/4	44 1/4										
e						16 1/8	19 1/8	22 1/8	25 1/8	28 1/8	31 1/8	34 1/8	37 1/8	40 1/8				
f									12 3/8	13 7/8	15 3/8	16 7/8	18 3/8	19 7/8				
g						14 3/4	17 3/4	20 3/4	23 3/4	26 3/4	29 3/4	32 3/4	35 3/4	38 3/4				
h									11 3/8	12 7/8	14 3/8	15 7/8	17 3/8	18 7/8				
J									11 1/4	12 3/4	14 1/4	15 3/4	17 1/4	18 3/4				
k									11 1/4	12 3/4	14 1/4	15 3/4	17 1/4	18 3/4				
l									11 3/8	12 7/8	14 3/8	15 7/8	17 3/8	18 7/8				
m													11 1/4	12 3/4	13 3/4	14 1/4	15 3/4	16 3/4
n													23 3/4	25 1/4	27 1/4	29 3/4	31 1/4	33 1/4
P													23 3/4	25 1/4	27 1/4	29 3/4	31 1/4	33 1/4
q													11 3/8	12 7/8	13 7/8	14 3/8	15 7/8	16 7/8
r													11 1/4	12 3/4	13 3/4	14 1/4	15 3/4	16 3/4
s													23 3/4	25 1/4	27 1/4	29 3/4	31 1/4	33 1/4
t													23 3/4	25 1/4	27 1/4	29 3/4	31 1/4	33 1/4
u													11 3/8	12 7/8	13 7/8	14 3/8	15 7/8	16 7/8

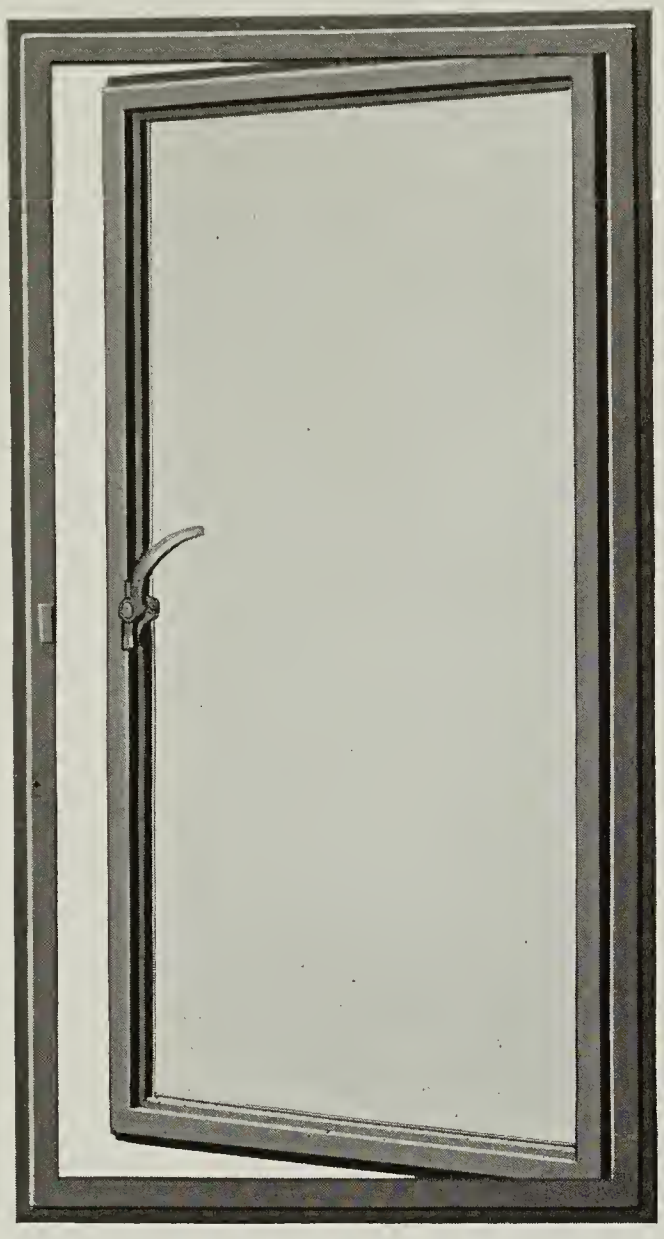
GLASS SIZES FOR STANDARD TYPES.

CAMPBELL METAL WINDOW CORP. NEW YORK

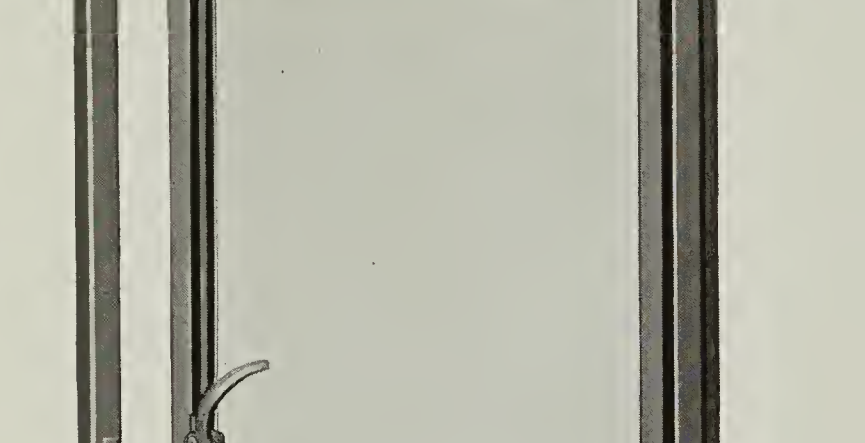
400-B-SERIES PROJECTED CASEMENTS
ELEVATIONS OF STANDARD TYPE AND GLASS SIZES

PLATE G-7 JUNE 1934

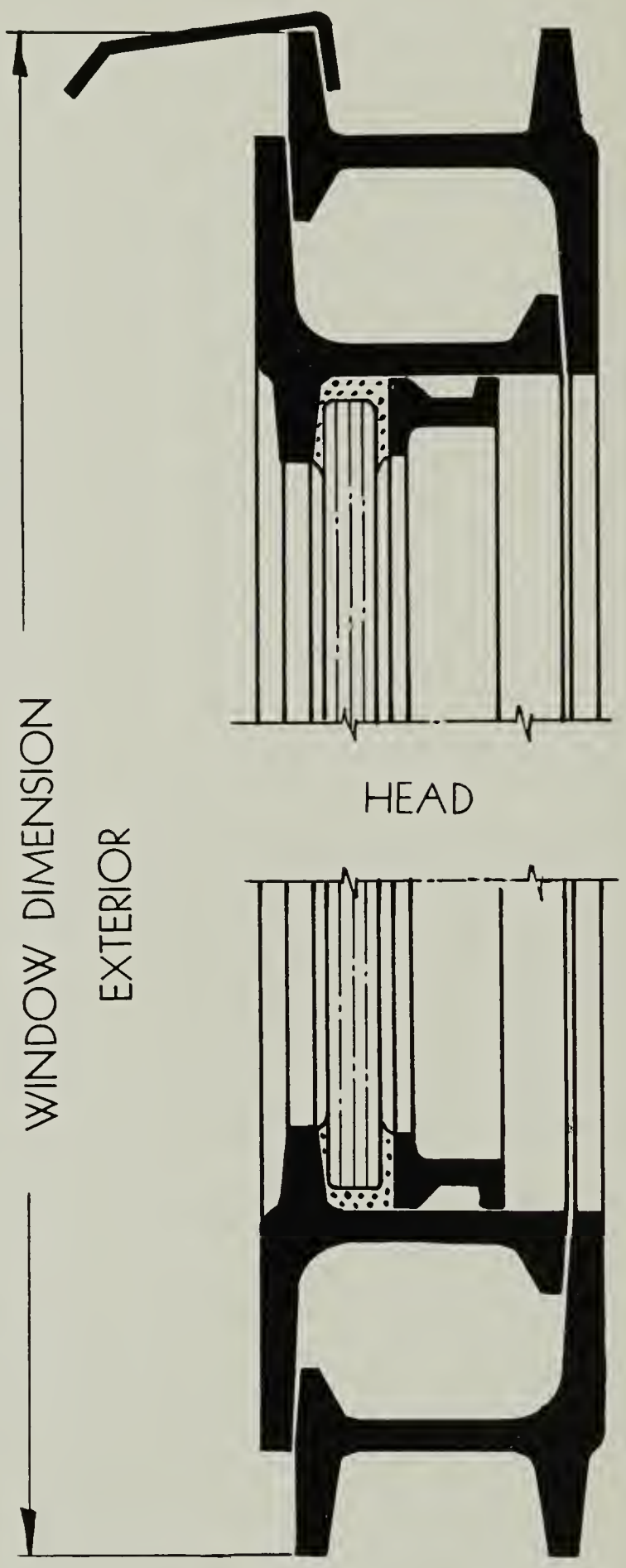
PLATES G8 to G20 following portray in full size detail the various types of CAMPBELL INTERMEDIATE CASEMENTS, composite sections and the standard installation features and arrangements with pressed steel subframes.



INTERIOR ELEVATION



EXTERIOR
WINDOW DIMENSION
JAMB

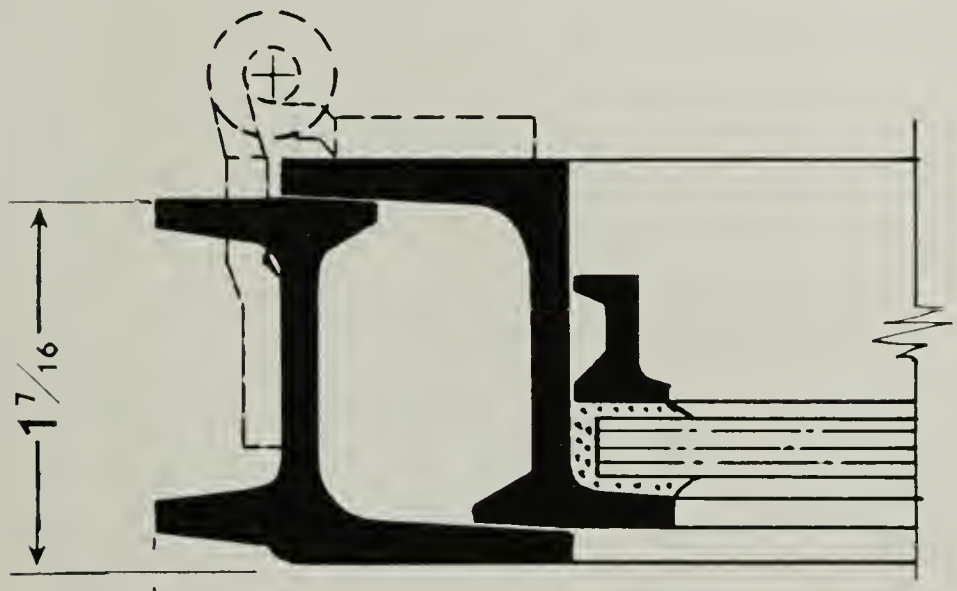


HEAD

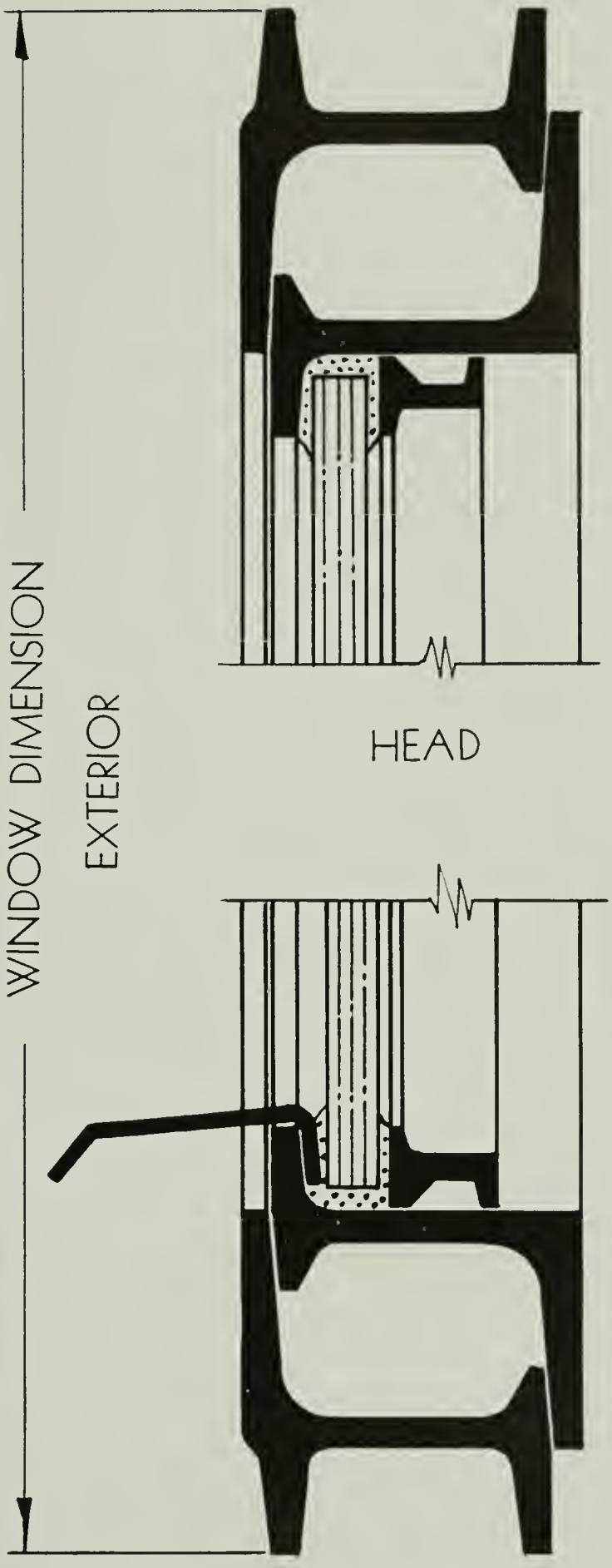
SILL

CAMPBELL METAL WINDOW CORP NEW YORK	**400-B SERIES CASEMENTS** **SIDE HINGED TO SWING OUT—INTERIOR GLAZED**	PLATE G-8 JUNE 1934

INTERIOR ELEVATION



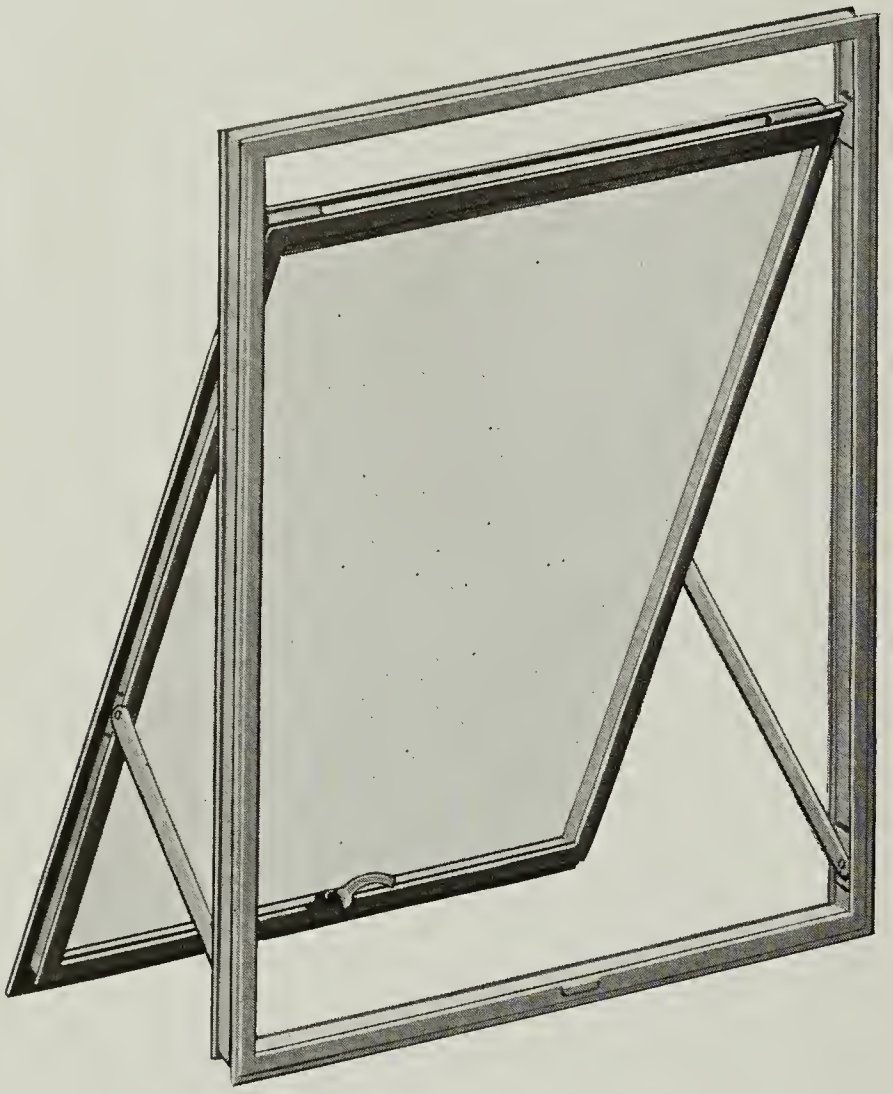
EXTERIOR
WINDOW DIMENSION
JAMB



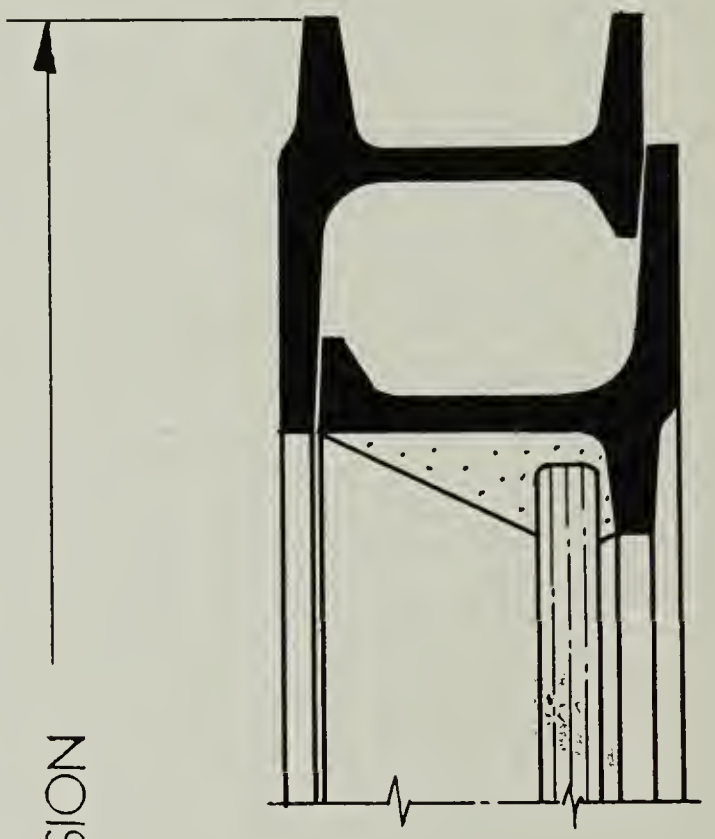
HEAD

SILL

CAMPBELL METAL WINDOW CORP. NEW YORK	400-B SERIES CASEMENTS SIDE HINGED TO SWING IN—INTERIOR GLAZED	PLATE G-9 JUNE 1934



INTERIOR ELEVATION



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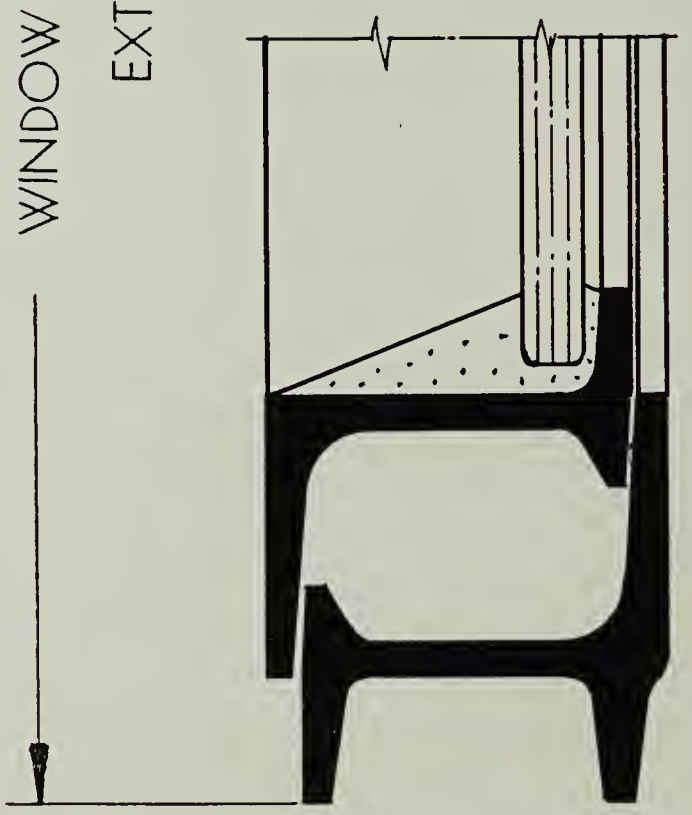

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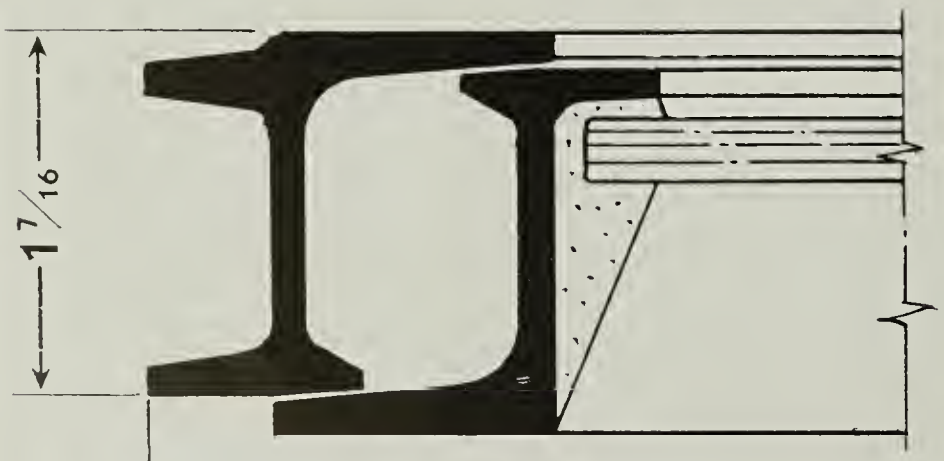


EXTERIOR

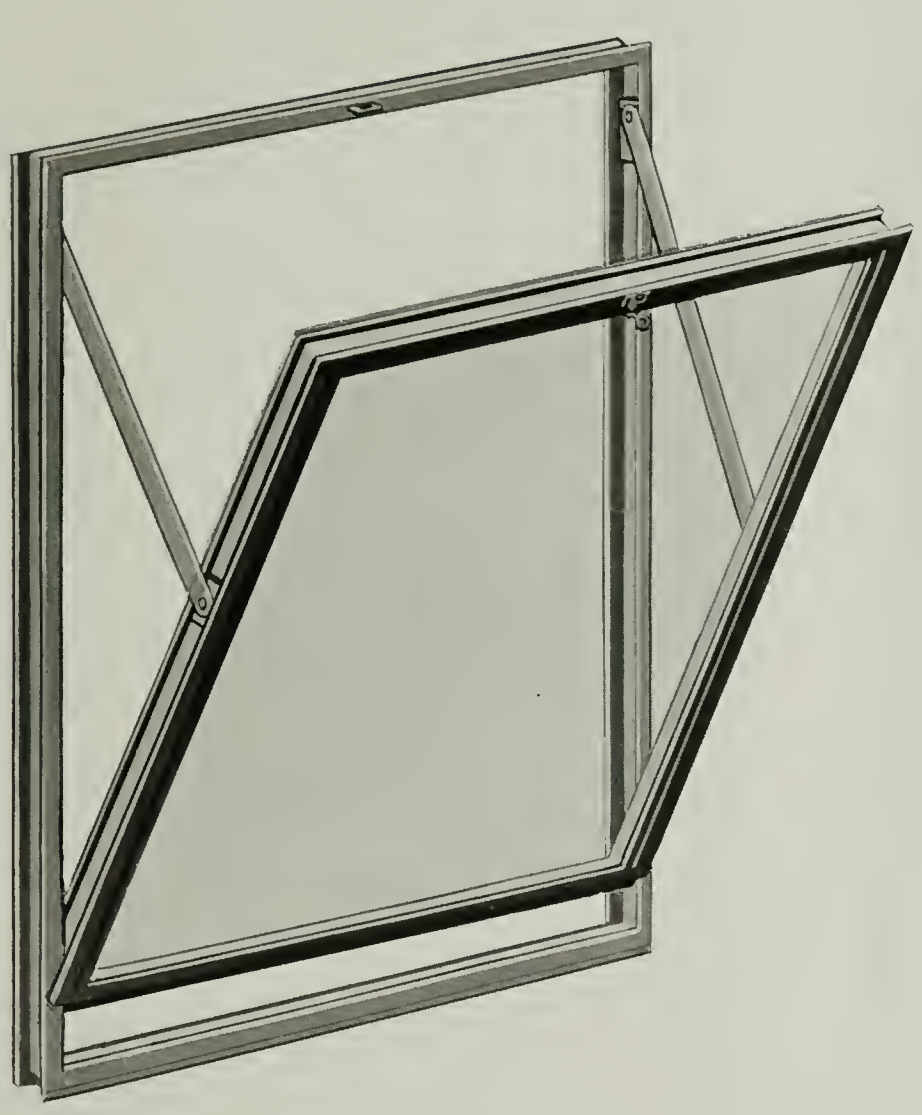
WINDOW DIMENSION

JAMB

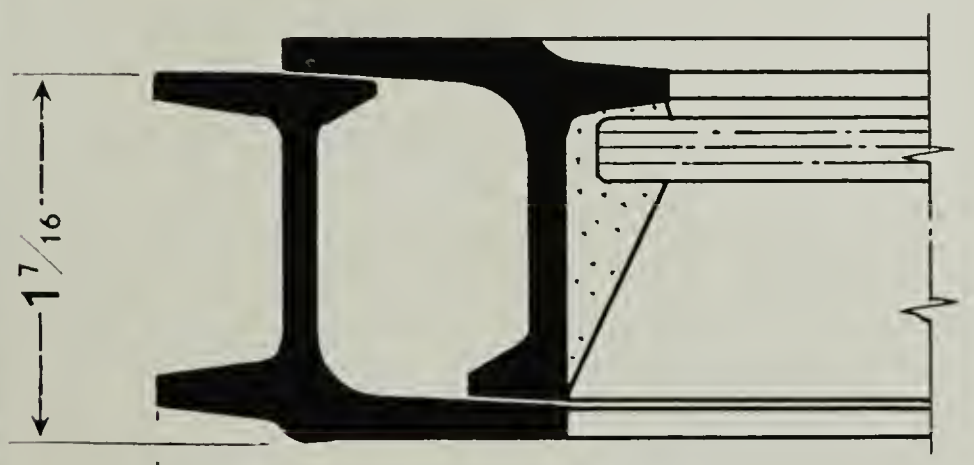
WINDOW DIMENSION

EXTERIOR

CAMPBELL METAL WINDOW CORP. NEW YORK	**400-B SERIES CASEMENTS** **PROJECTED DOWN & OUT—EXTERIOR GLAZED**	PLATE G-10 JUNE 1934



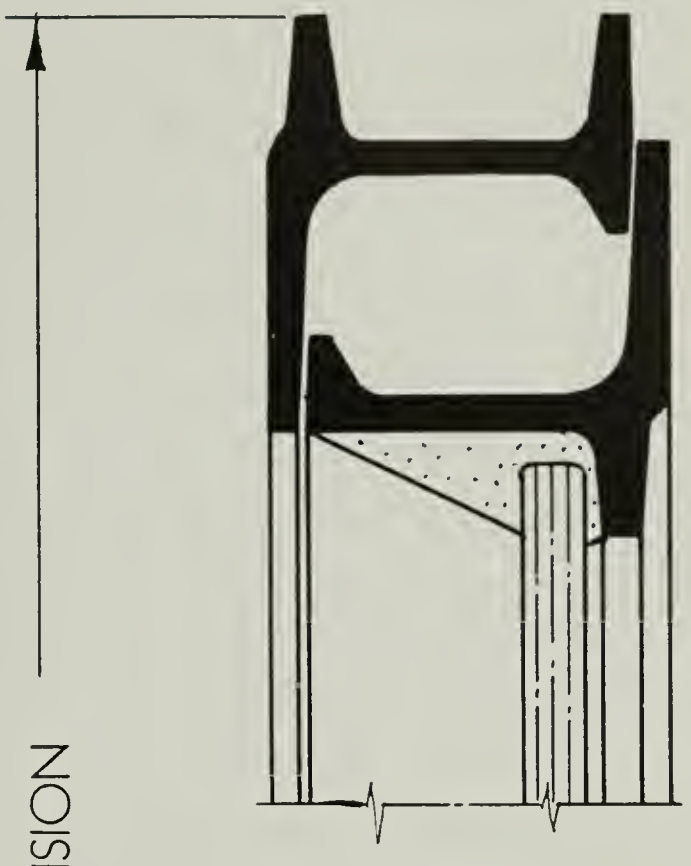
INTERIOR ELEVATION



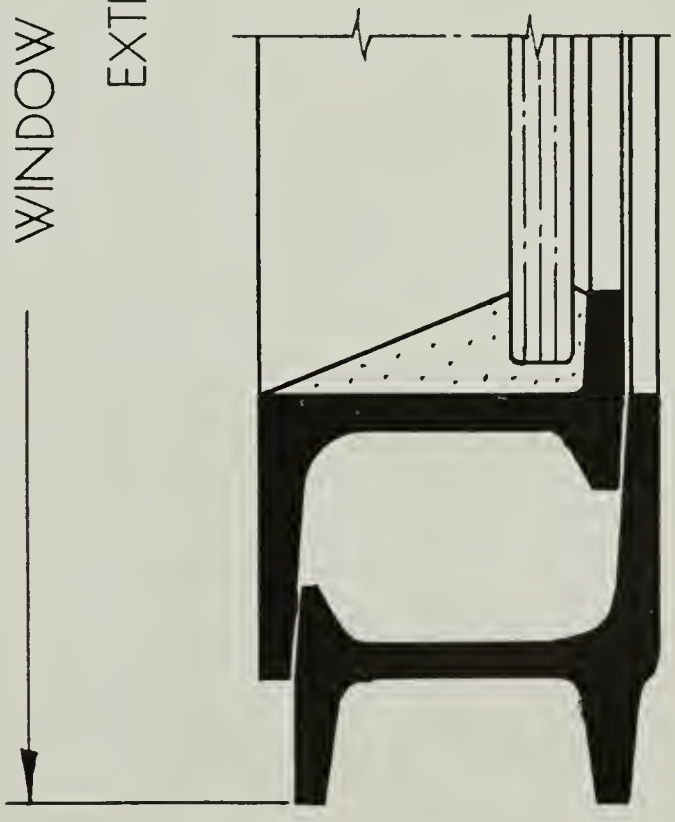
EXTERIOR

WINDOW DIMENSION

JAMB

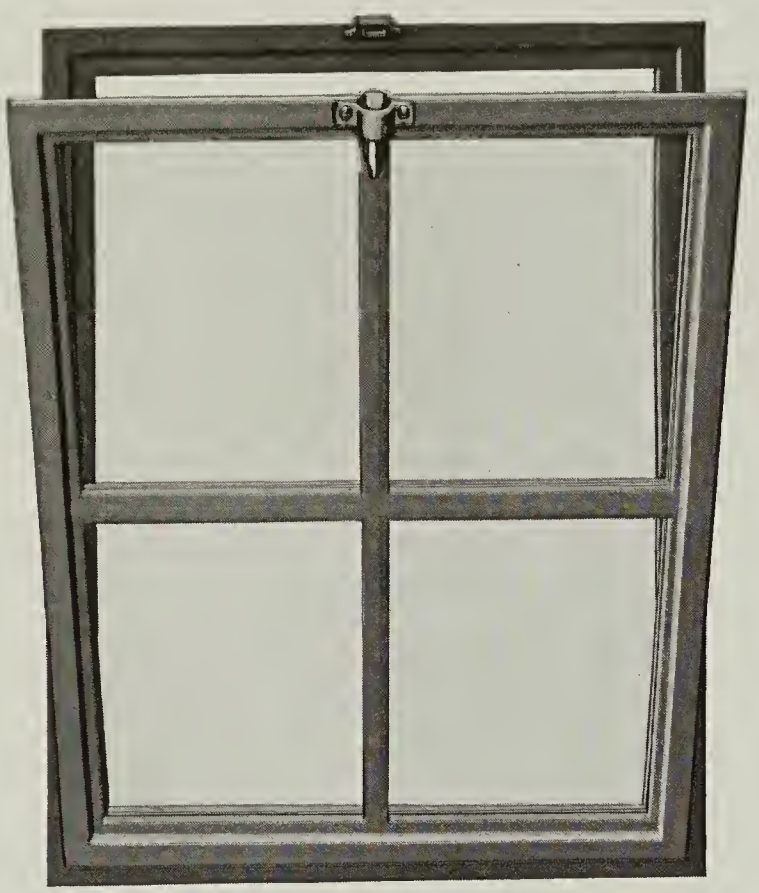


HEAD

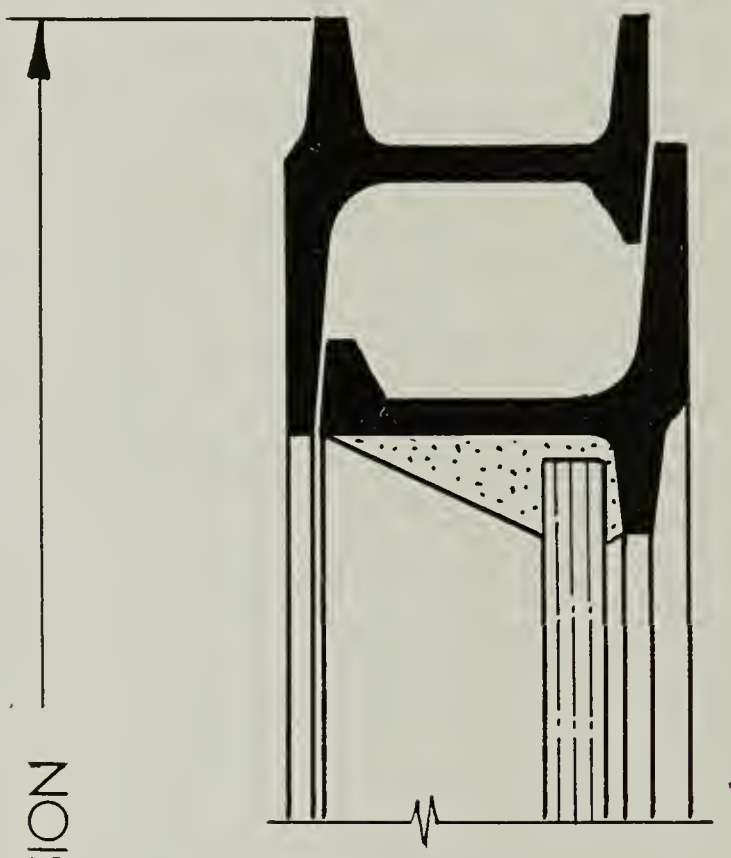


SILL

CAMPBELL METAL WINDOW CORP. NEW YORK	**400-B SERIES CASEMENTS** PROJECTED UP & IN—EXTERIOR GLAZED	PLATE G-11 JUNE 1934



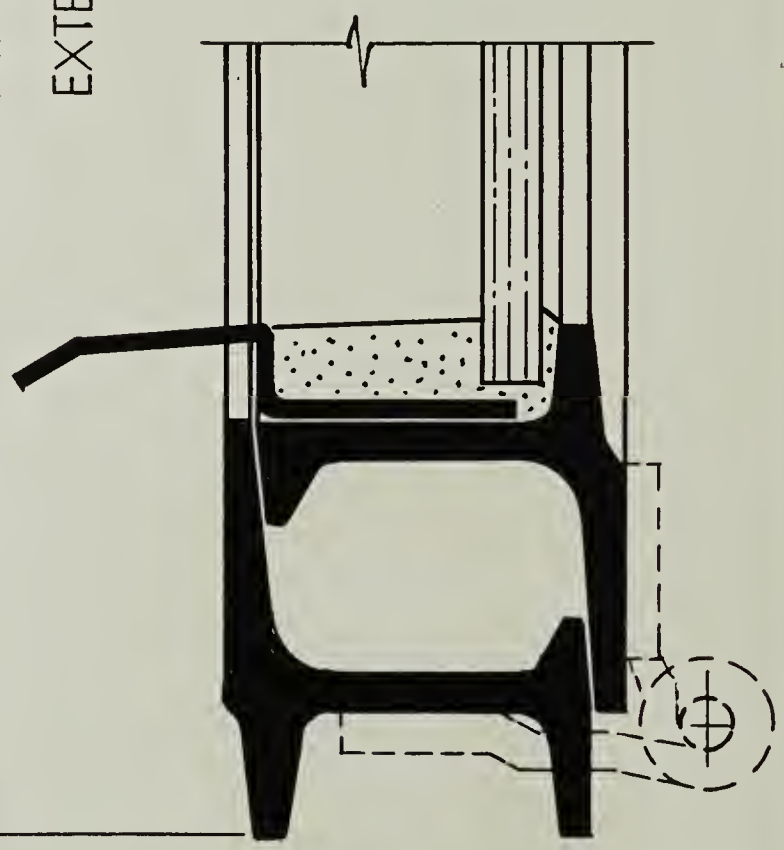
INTERIOR ELEVATION



HEAD

WINDOW DIMENSION

EXTERIOR



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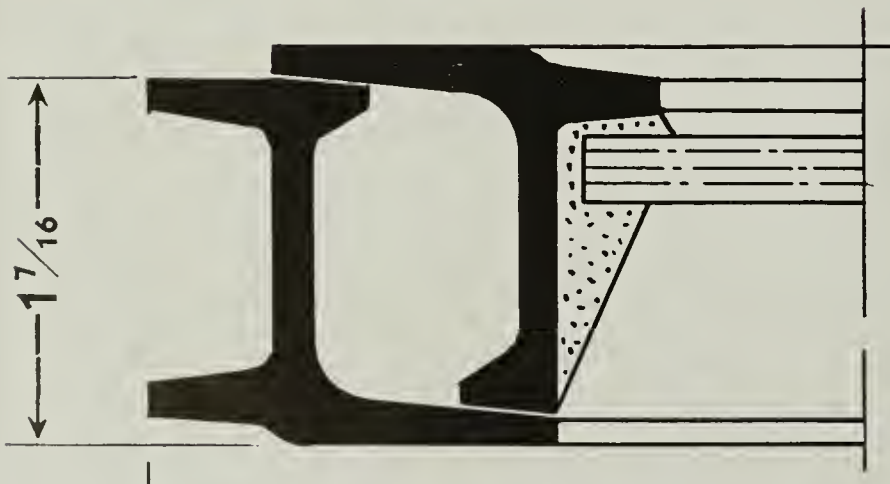
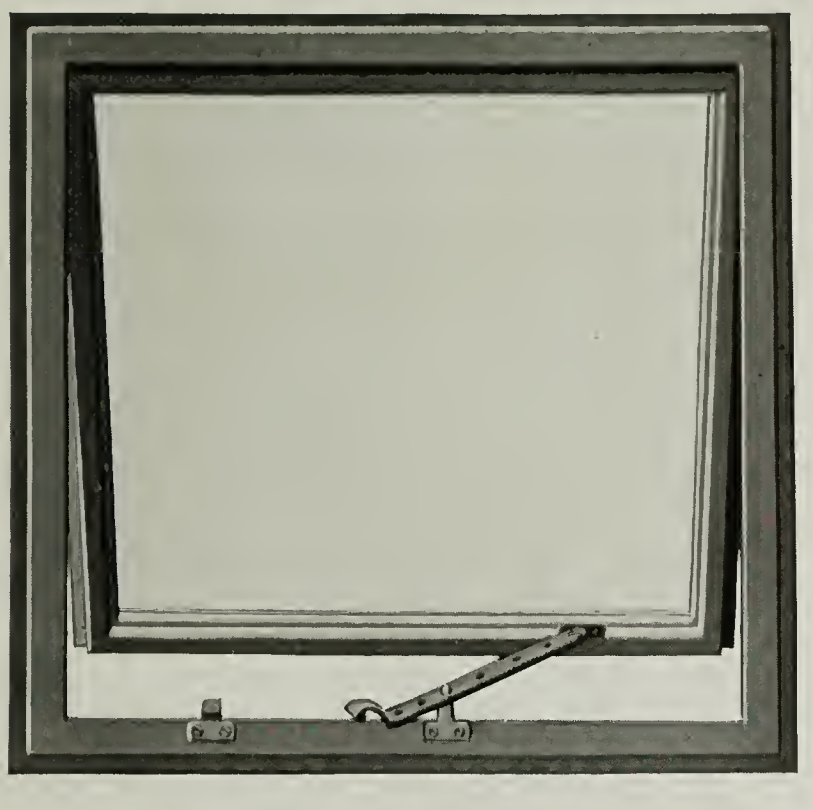
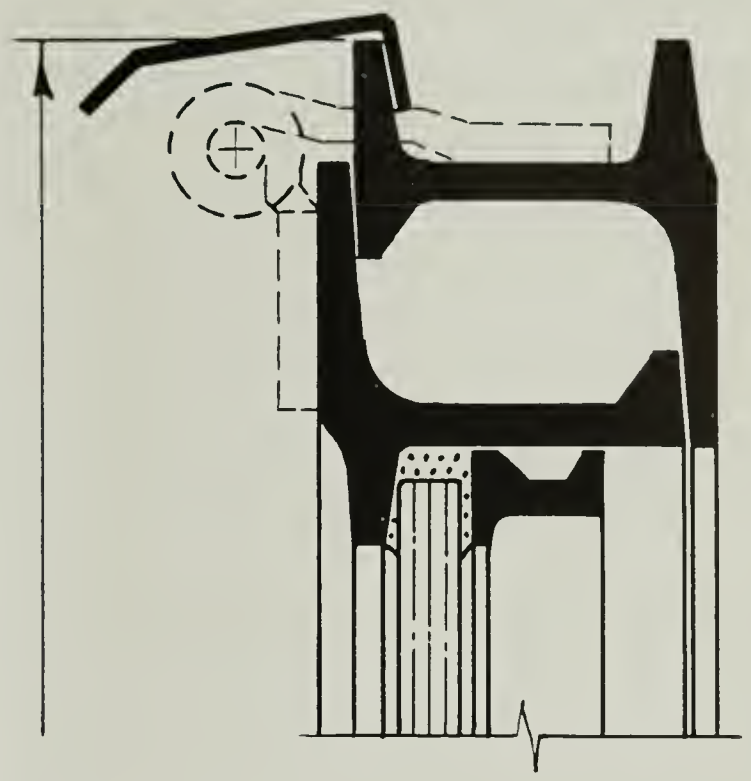


EXTERIOR WINDOW DIMENSION JAMB

CAMPBELL METAL WINDOW CORP NEW YORK	**400-B SERIES CASEMENTS** **BOTTOM HINGED TO SWING IN—EXTERIOR GLAZED**	PLATE G-12 JUNE 1934

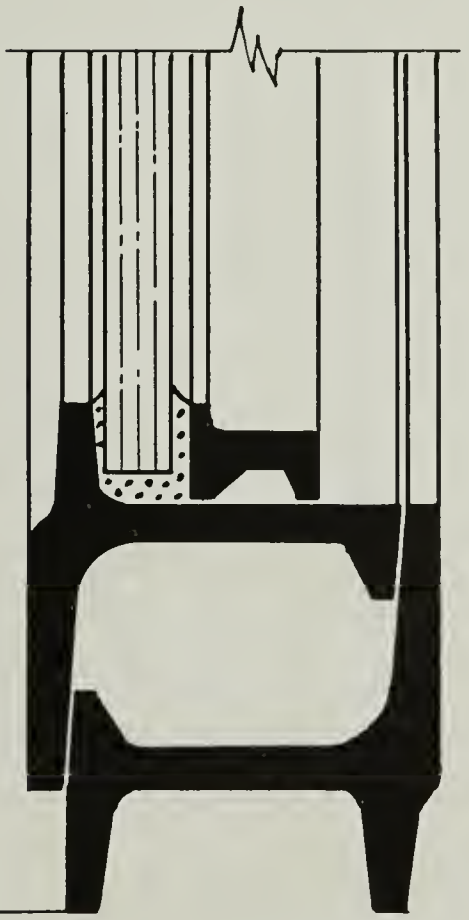


INTERIOR ELEVATION

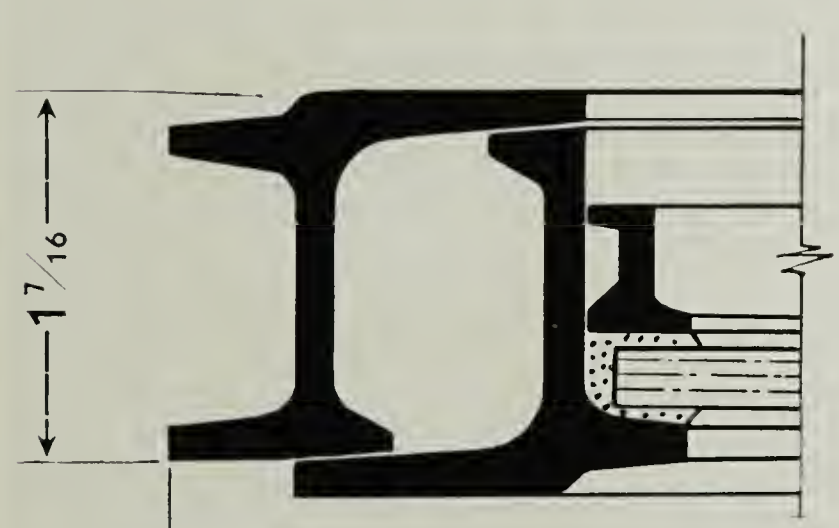


HEAD

WINDOW DIMENSION EXTERIOR

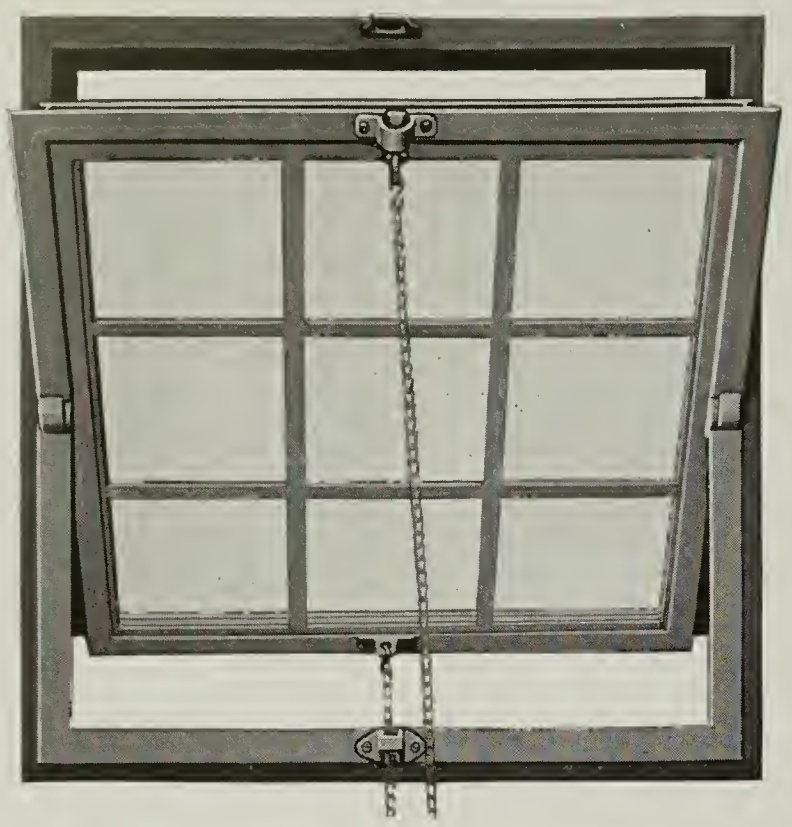


SILL

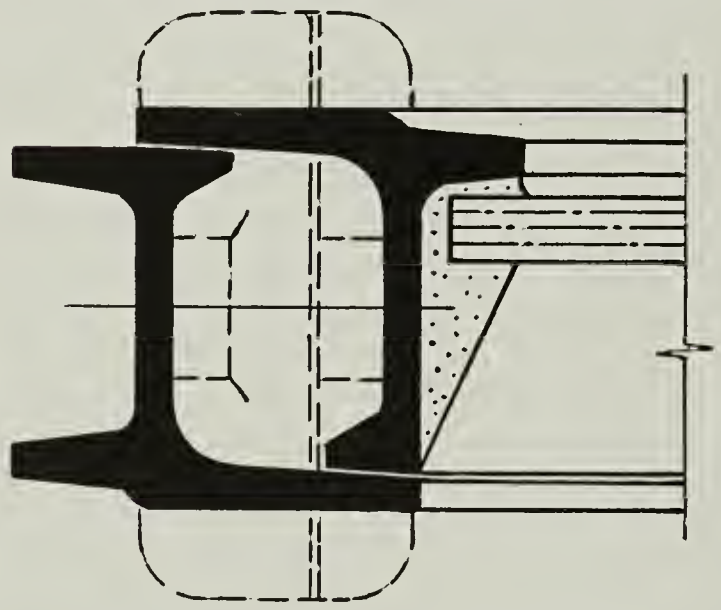


EXTERIOR WINDOW DIMENSION JAMB

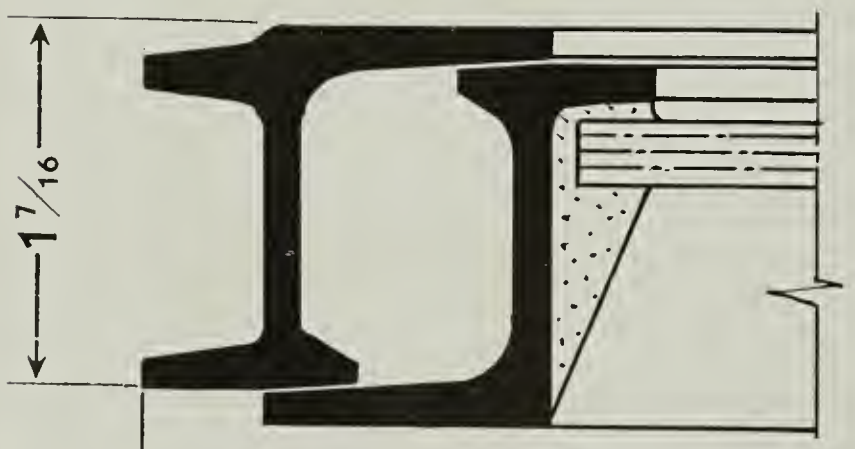
CAMPBELL METAL WINDOW CORP NEW YORK	400-B SERIES CASEMENTS TOP HINGED TO SWING OUT—INTERIOR GLAZED	PLATE G-13 JUNE 1934



INTERIOR ELEVATION

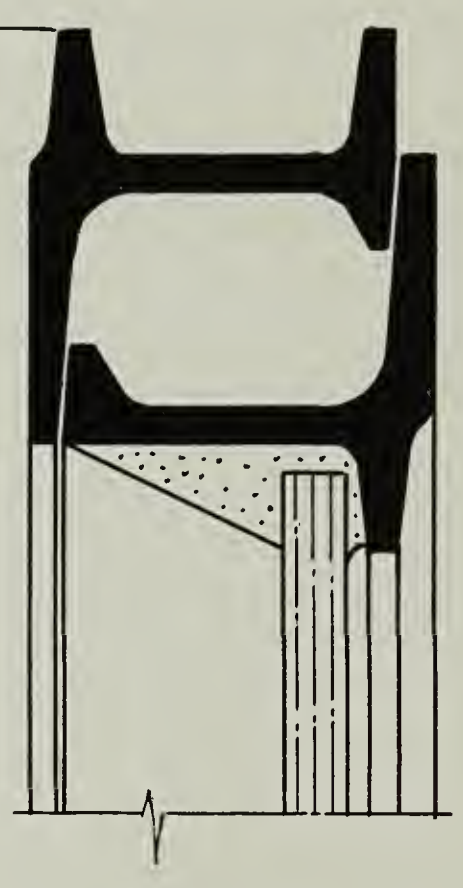


JAMB ABOVE PIVOT



EXTERIOR
WINDOW DIMENSION
JAMB BELOW PIVOT

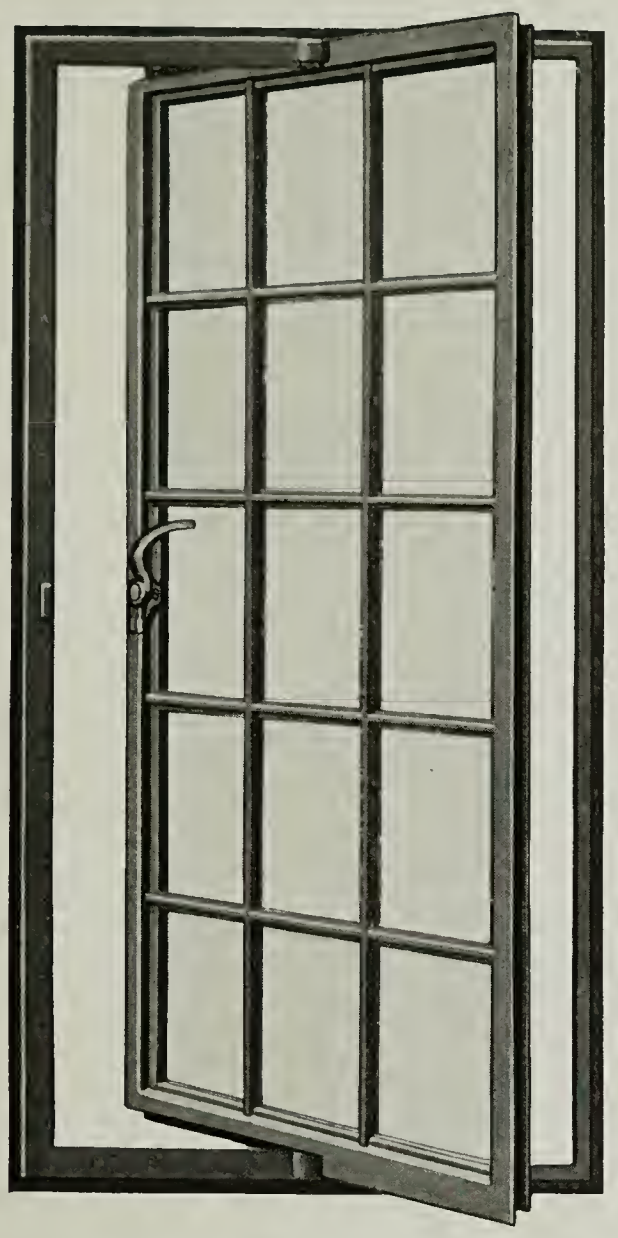
WINDOW DIMENSION
EXTERIOR



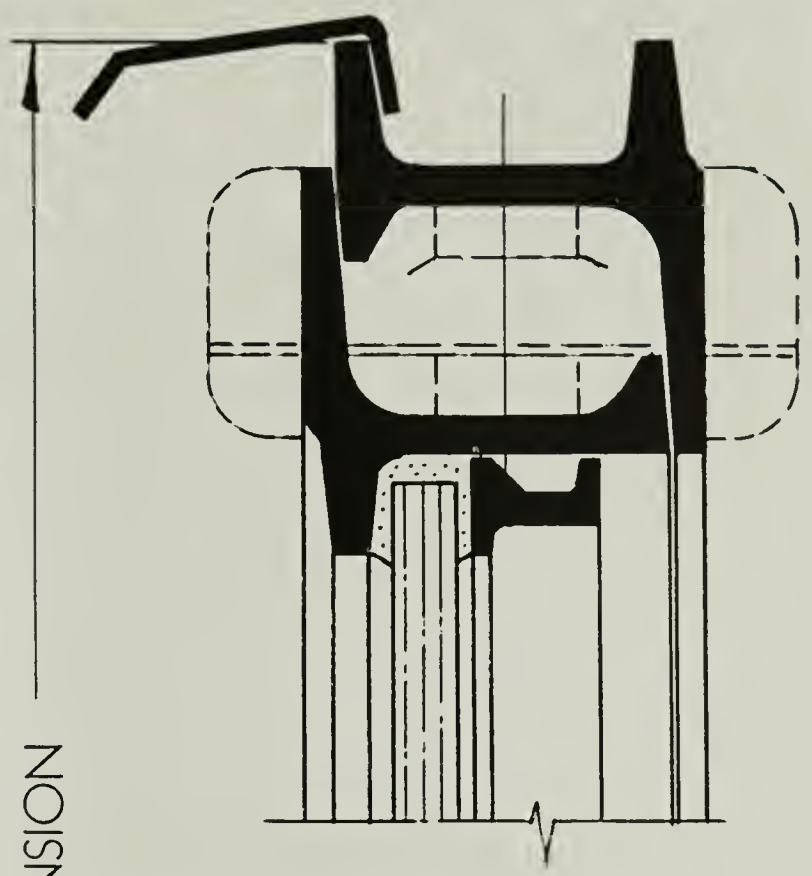
HEAD

SILL

CAMPBELL METAL WINDOW CORP NEW YORK	**400-B SERIES CASEMENTS** **HORIZONTAL PIVOTED CASEMENT—EXTERIOR GLAZED**	PLATE G-14 JUNE 1934



INTERIOR ELEVATION



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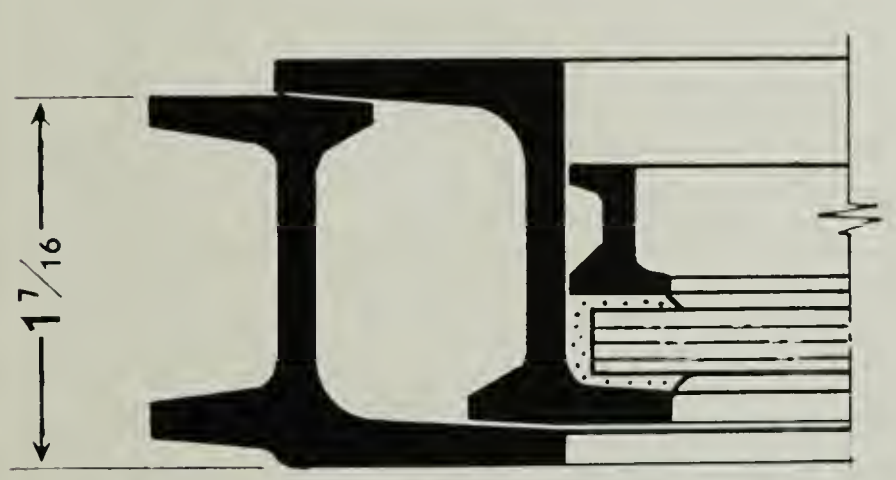
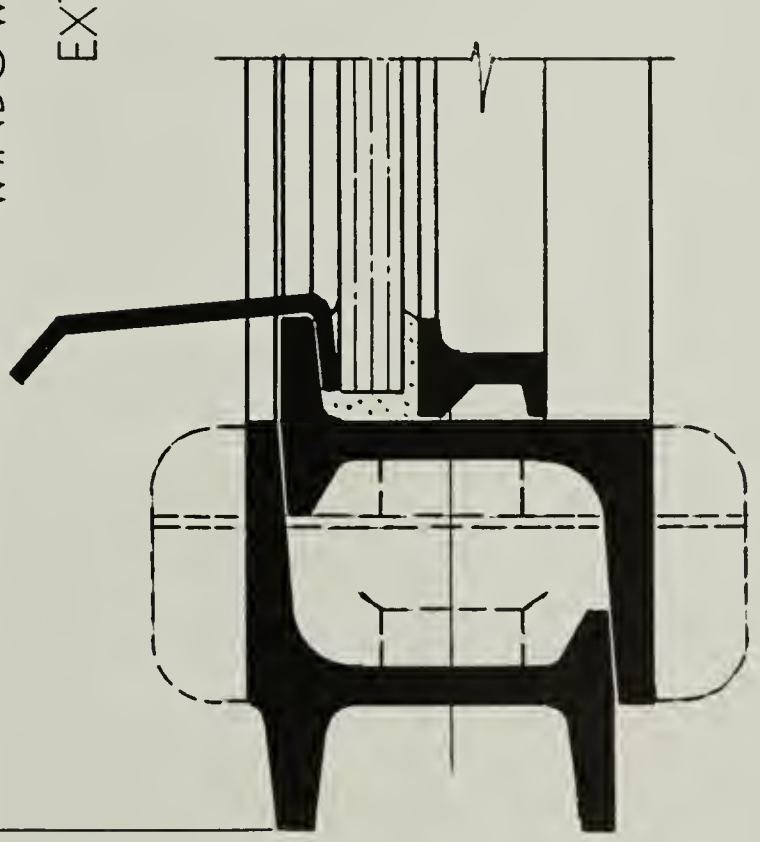
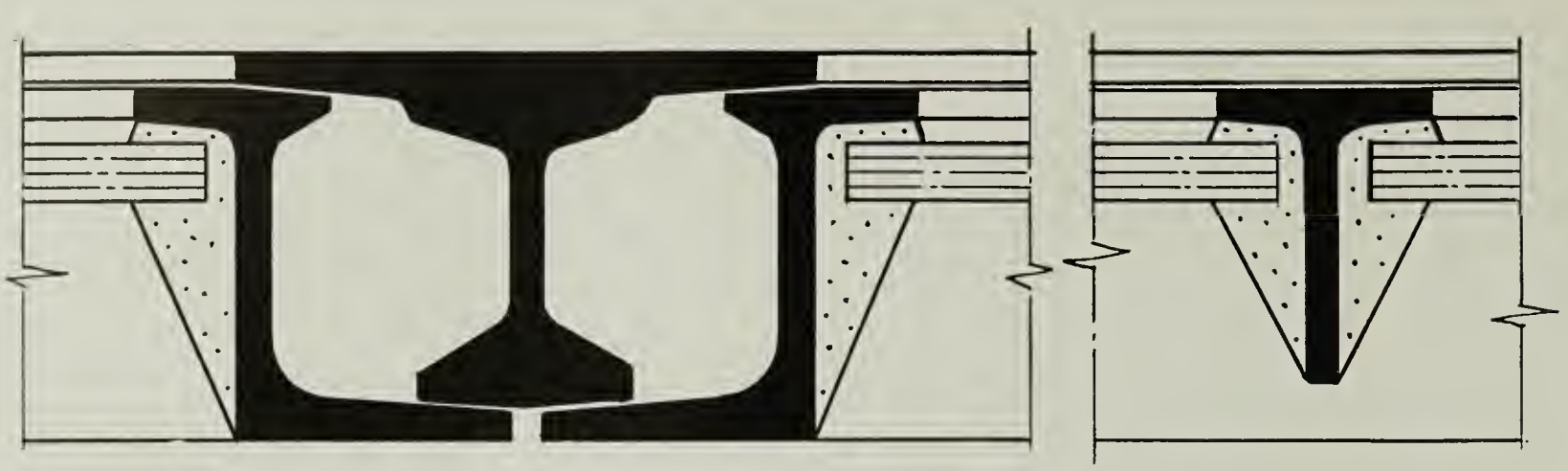


EXTERIOR
WINDOW DIMENSION
JAMB



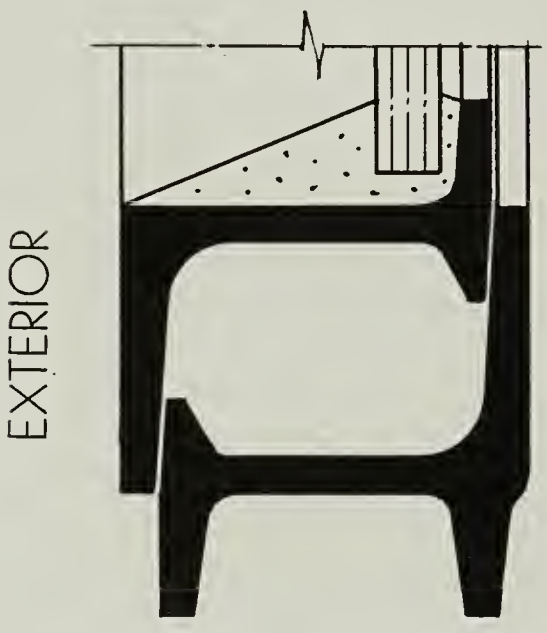
SILL

CAMPBELL METAL WINDOW CORP. NEW YORK	**400-B SERIES CASEMENTS** **VERTICAL PIVOTED CASEMENT—INTERIOR GLAZED**	PLATE G-15 JUNE 1934



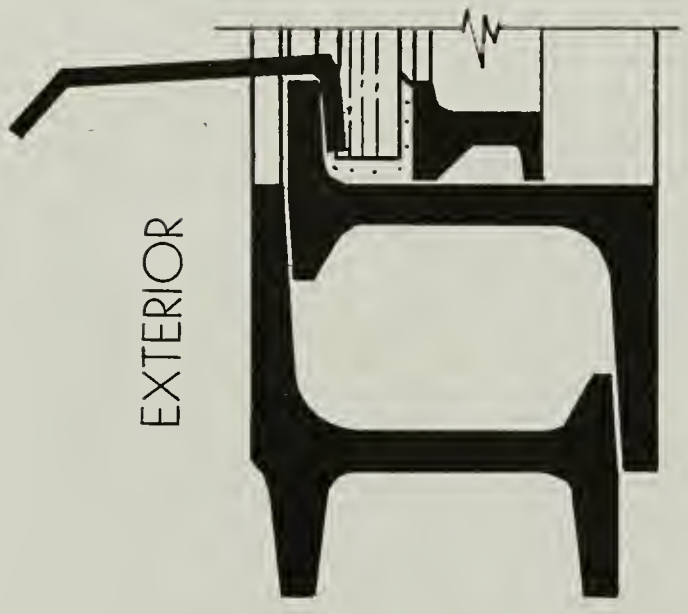
EXTERIOR

MEETING RAIL



EXTERIOR

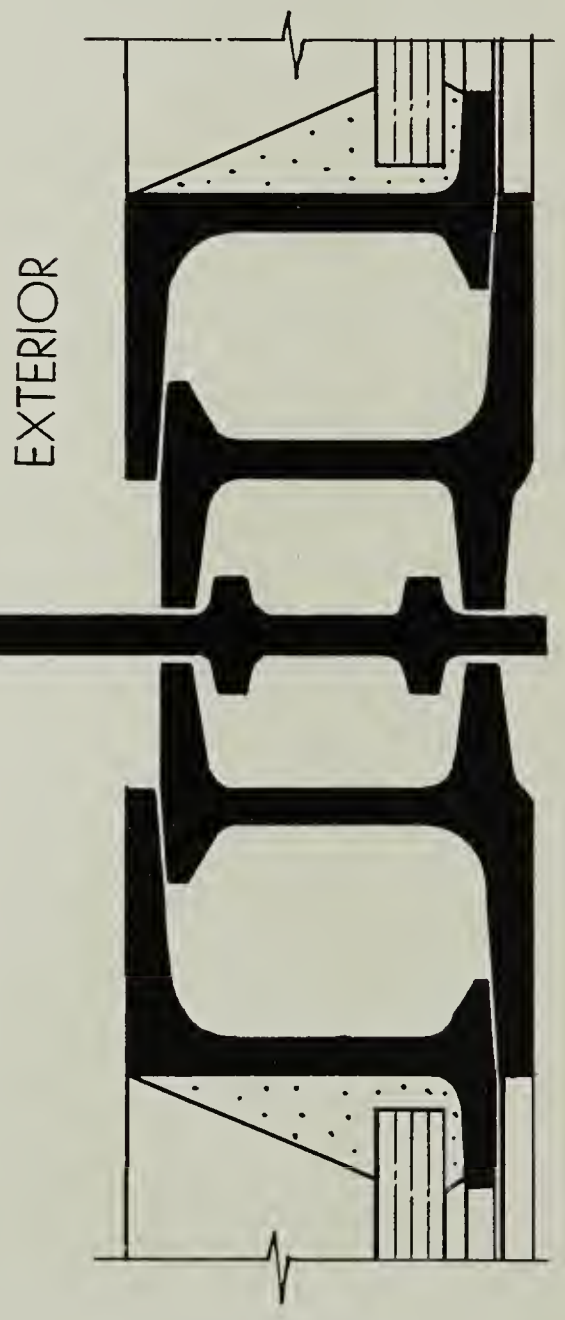
SIDE HINGED OPEN OUT
PUTTY GLAZED



EXTERIOR

SIDE HINGED OPEN IN
WITH GLAZING BEAD

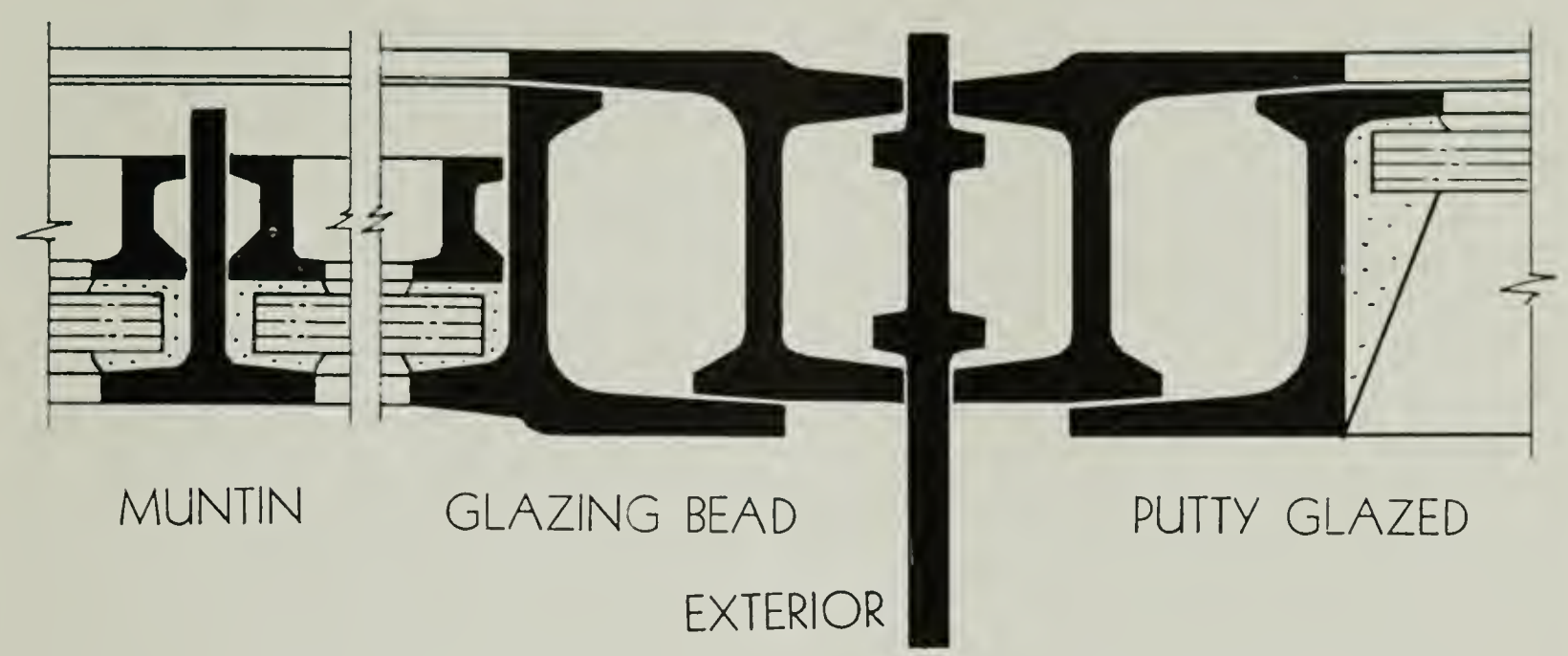
MUNTIN



EXTERIOR

TRANSOM BAR

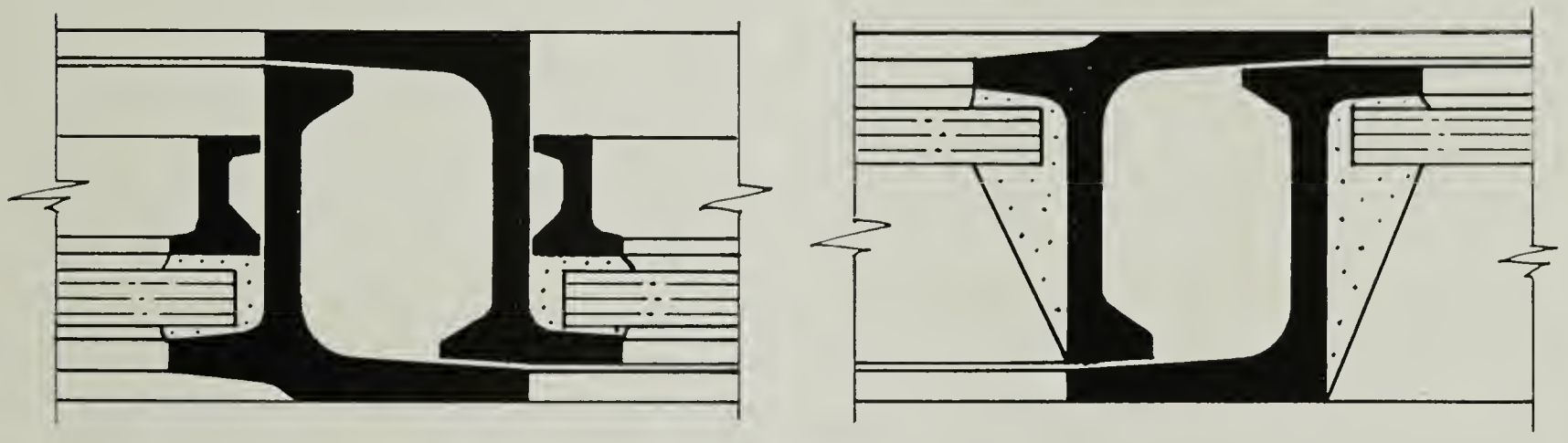
CAMPBELL METAL WINDOW CORP. NEW YORK	**400-B SERIES. CASEMENTS** **DETAILS SHOWING COMBINATION OF SECTIONS INTERIOR AND EXTERIOR GLAZED**	PLATE G-16 JUNE 1934



MUNTIN GLAZING BEAD PUTTY GLAZED

EXTERIOR

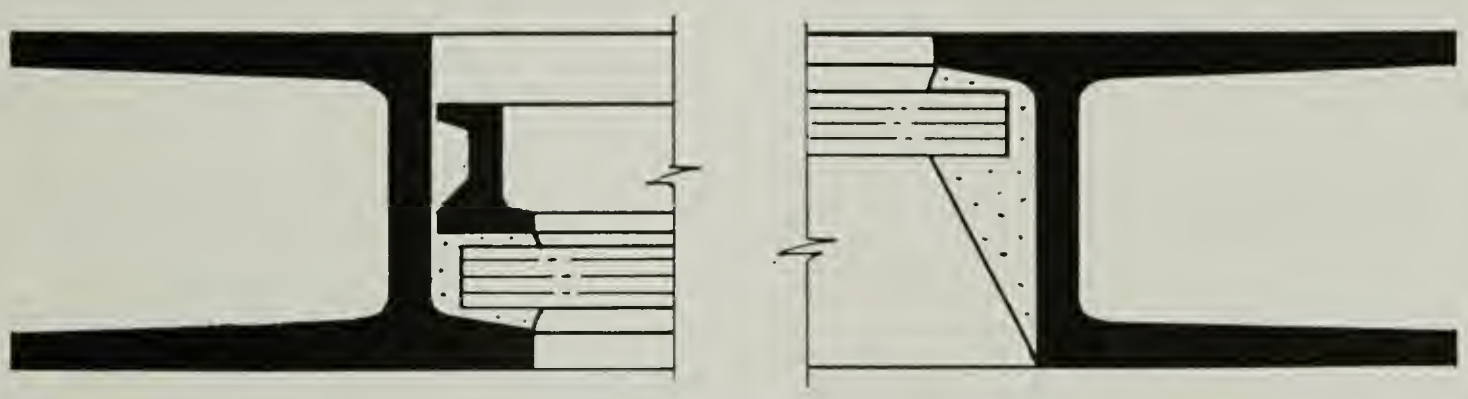
MULLION



EXTERIOR

GLAZING BEAD PUTTY GLAZED

MEETING RAIL—PAIRS OF CASEMENTS

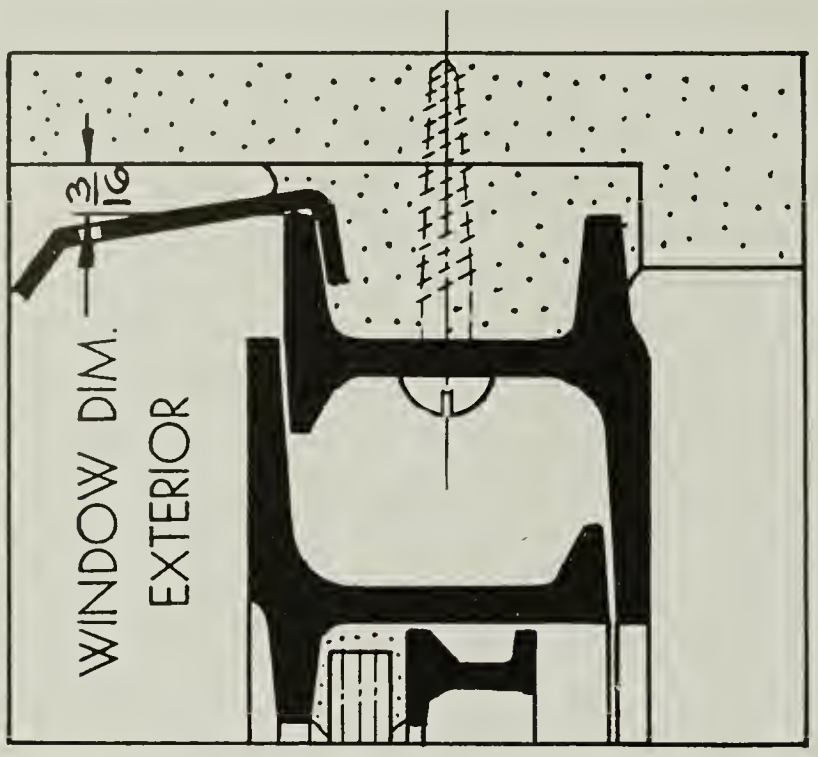


EXTERIOR

GLAZING BEAD PUTTY GLAZED

FIXED SASH

CAMPBELL METAL WINDOW CORP. NEW YORK	400-B SERIES CASEMENTS DETAILS SHOWING COMBINATION OF SECTIONS INTERIOR AND EXTERIOR GLAZED	PLATE G-17 JUNE 1934



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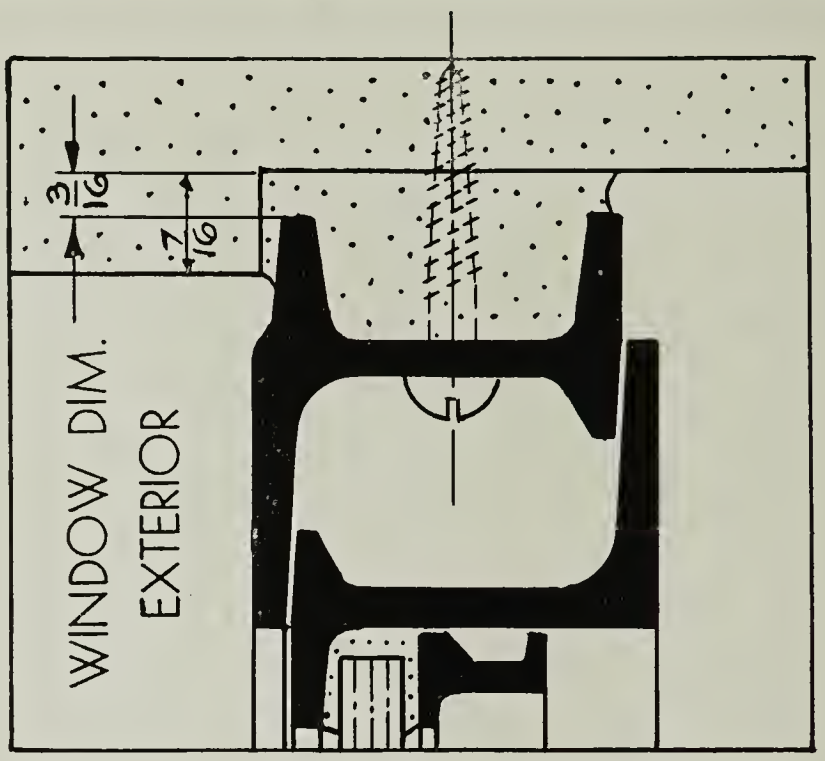

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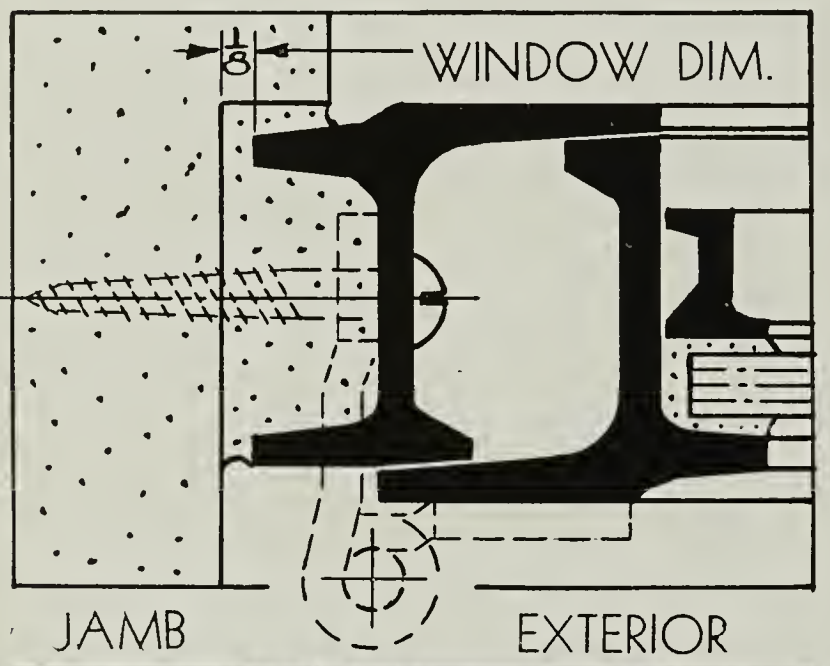
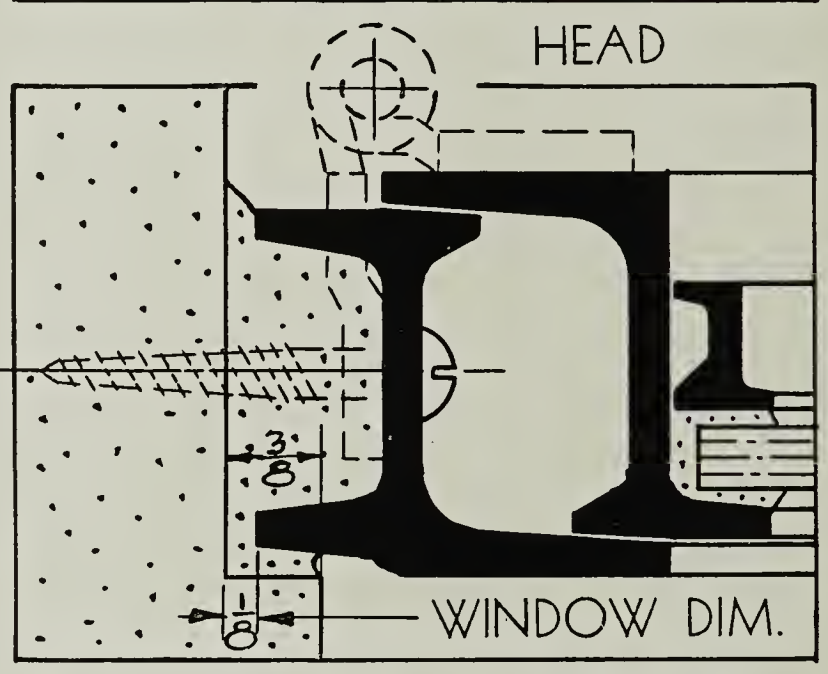
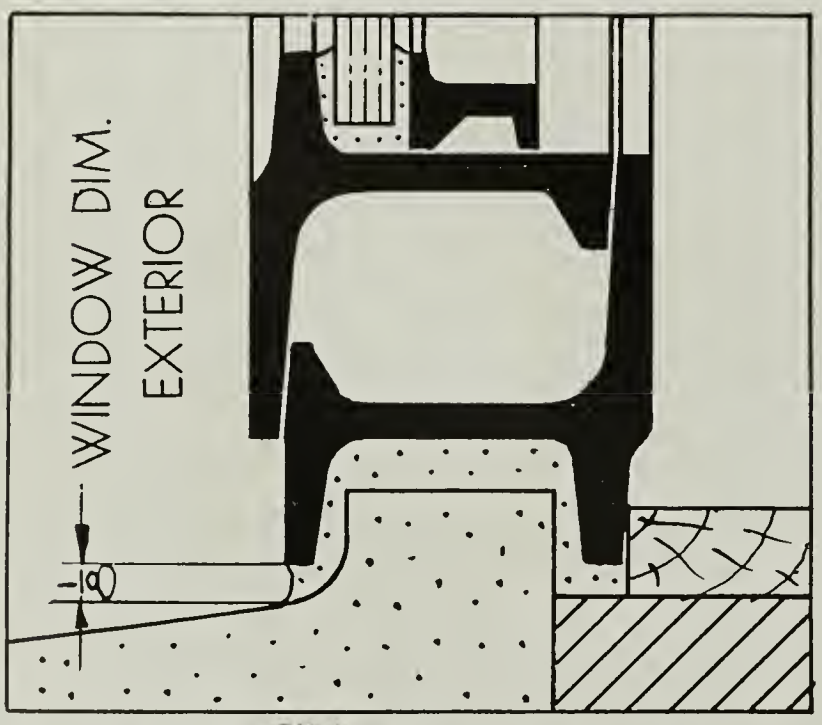


JAMB EXTERIOR

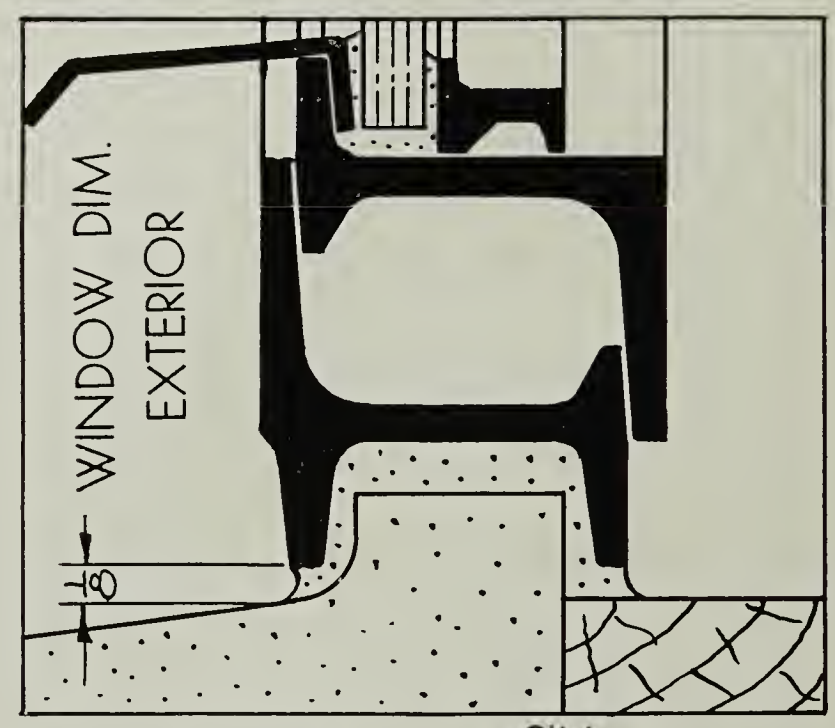


JAMB EXTERIOR



SILL

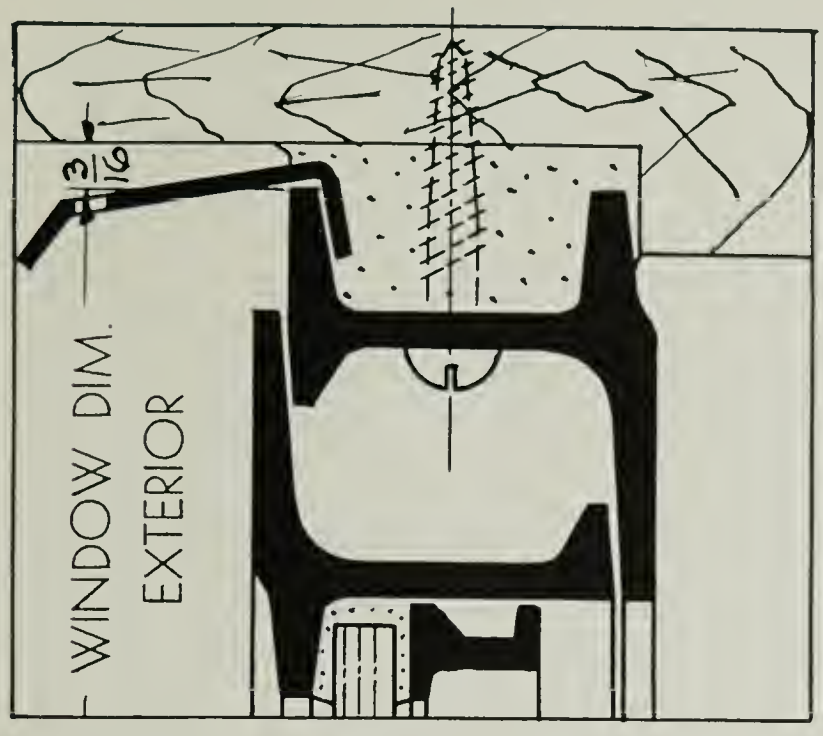
SIDE HINGED OPEN OUT CASEMENT



SILL

SIDE HINGED OPEN IN CASEMENT

CAMPBELL METAL WINDOW CORP. NEW YORK	**400-B SERIES CASEMENTS** INTERIOR GLAZED STONE CONSTRUCTION	PLATE G-18 JUNE 1934



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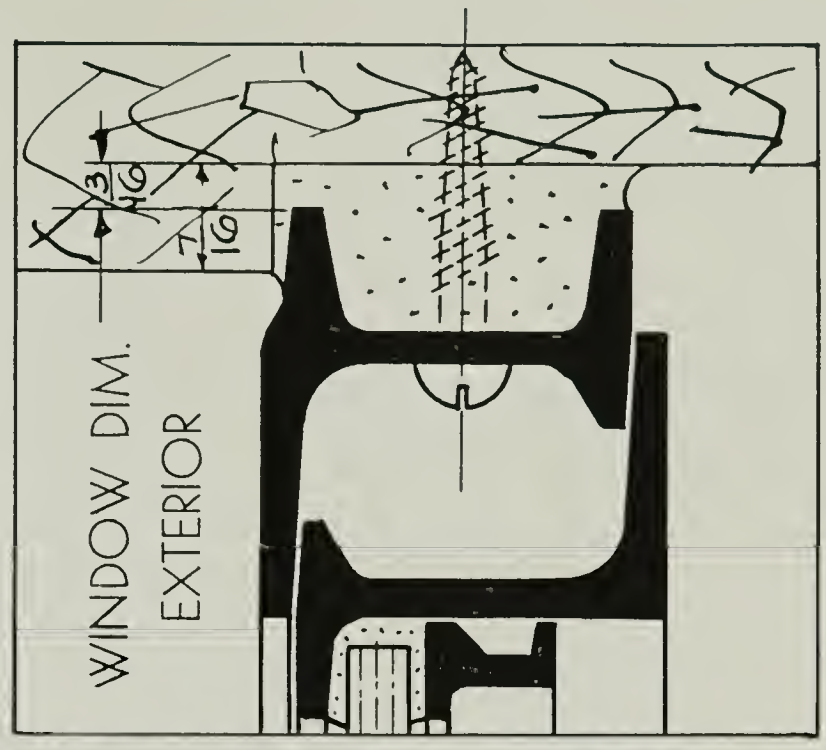

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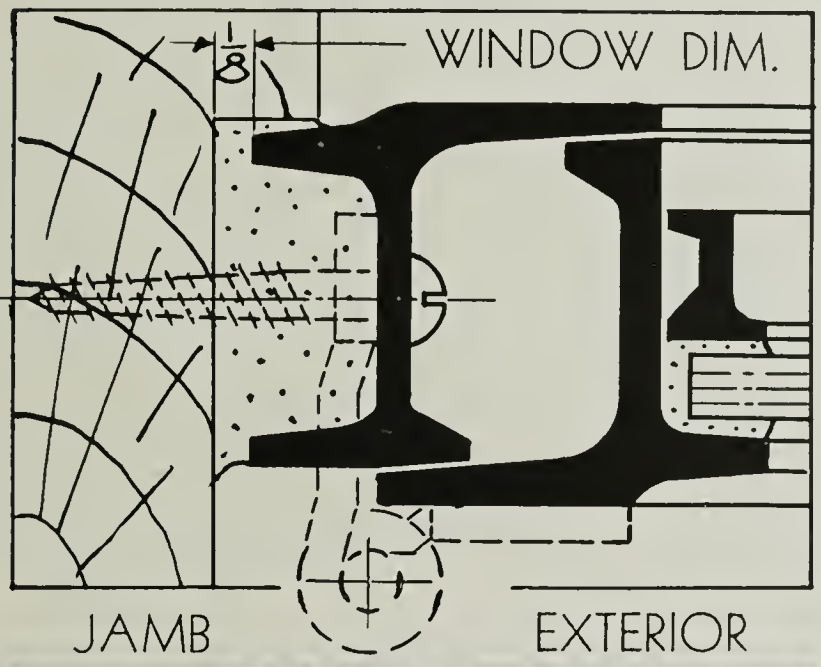
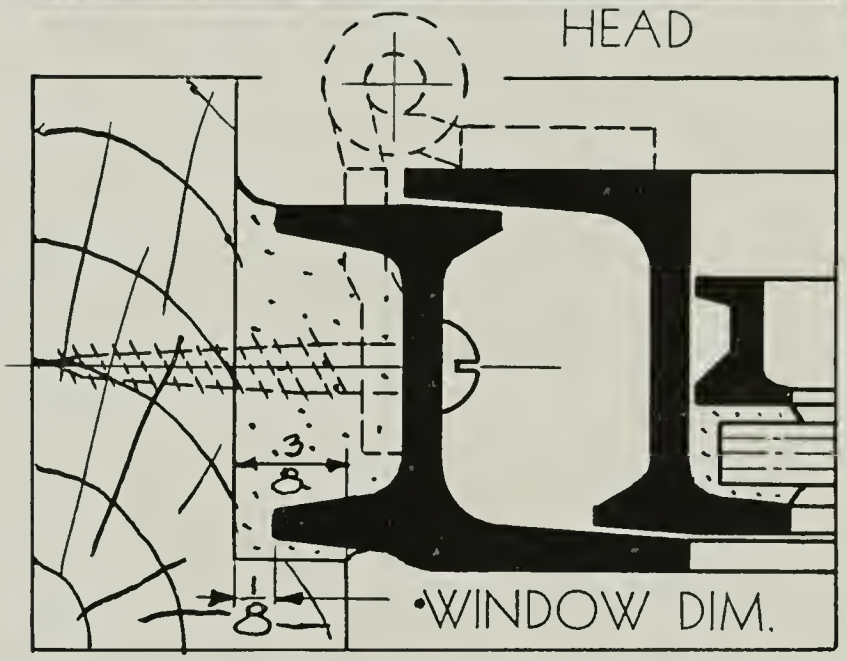
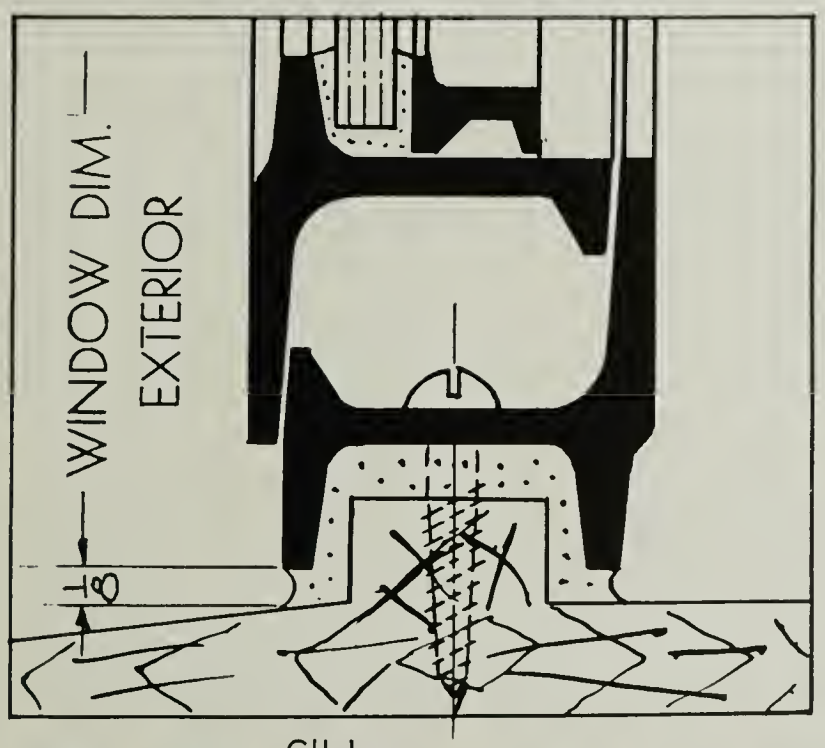


JAMB EXTERIOR

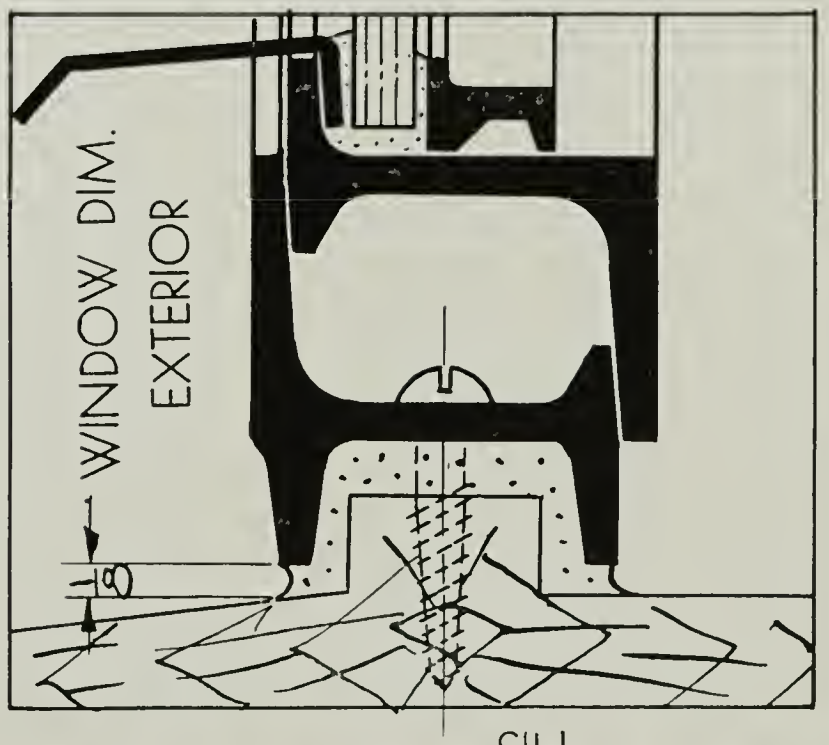


JAMB EXTERIOR



SILL

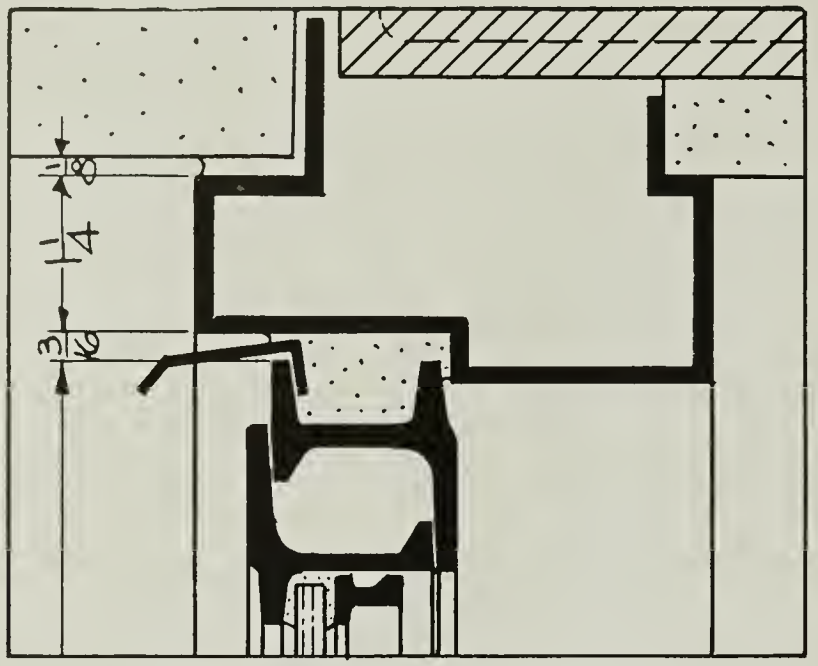
SIDE HINGED OPEN OUT CASEMENT



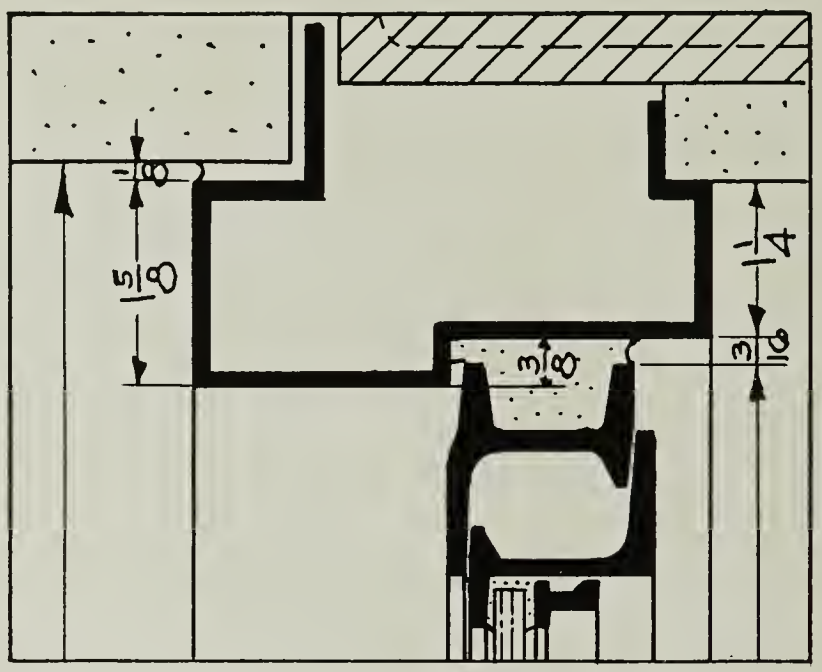
SILL

SIDE HINGED OPEN IN CASEMENT

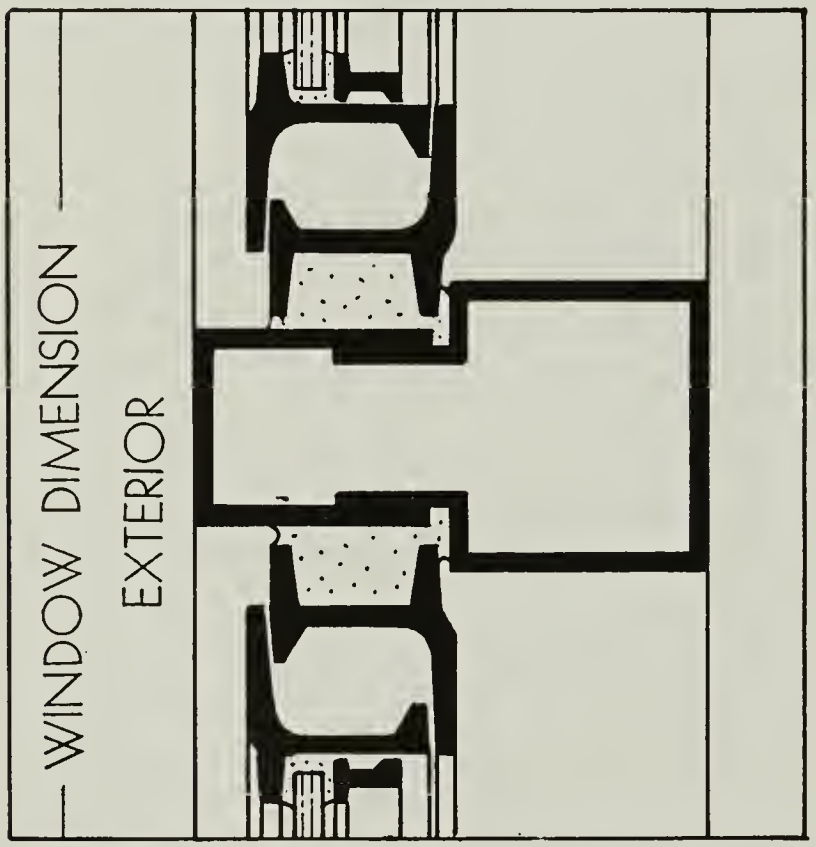
CAMPBELL METAL WINDOW CORP. NEW YORK	400-B SERIES CASEMENTS INTERIOR GLAZED . WOOD CONSTRUCTION	PLATE G-19 JUNE 1934



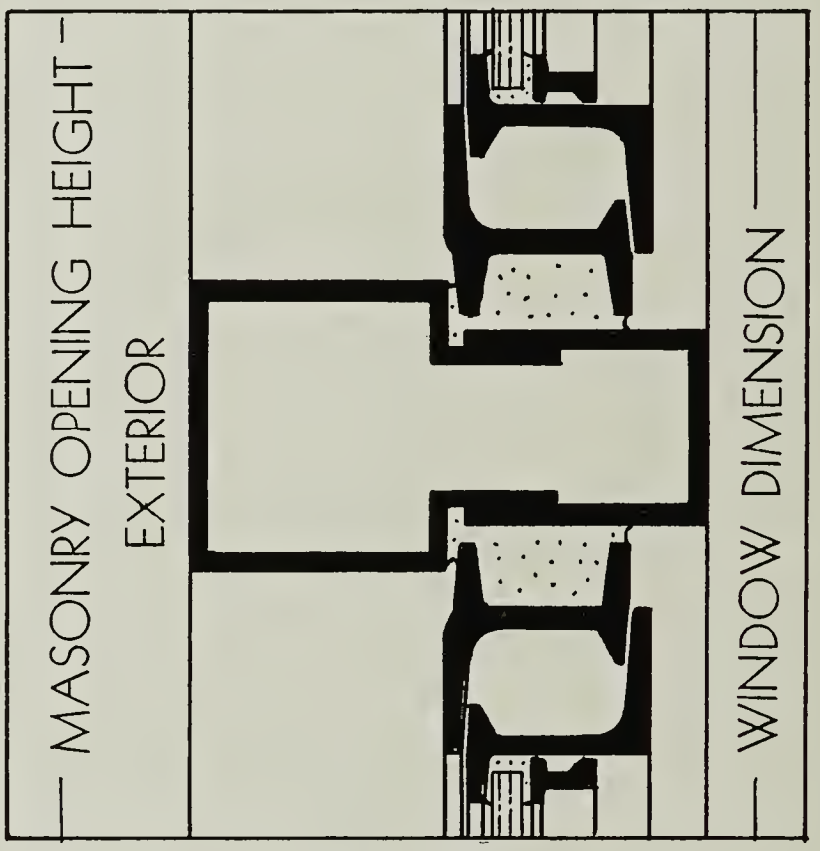
HEAD (JAMB SIMILAR)



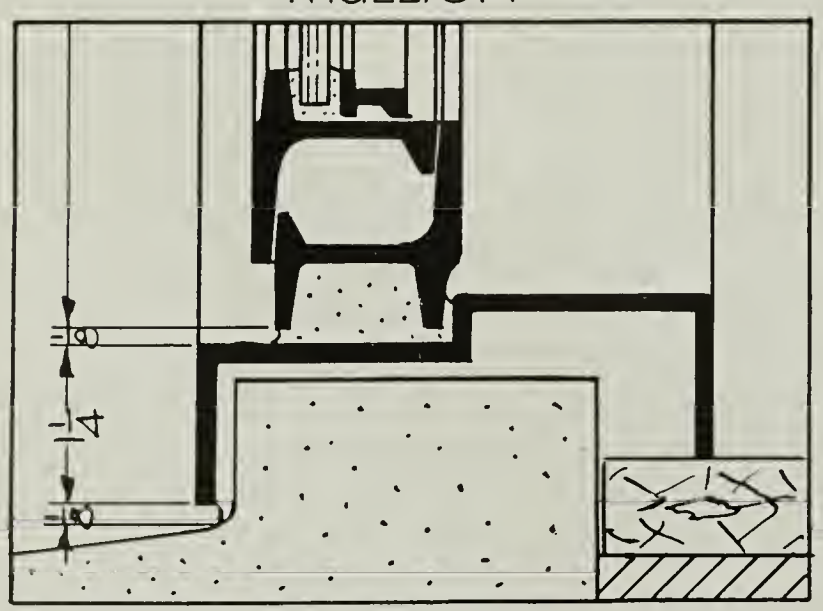
HEAD (JAMB SIMILAR)



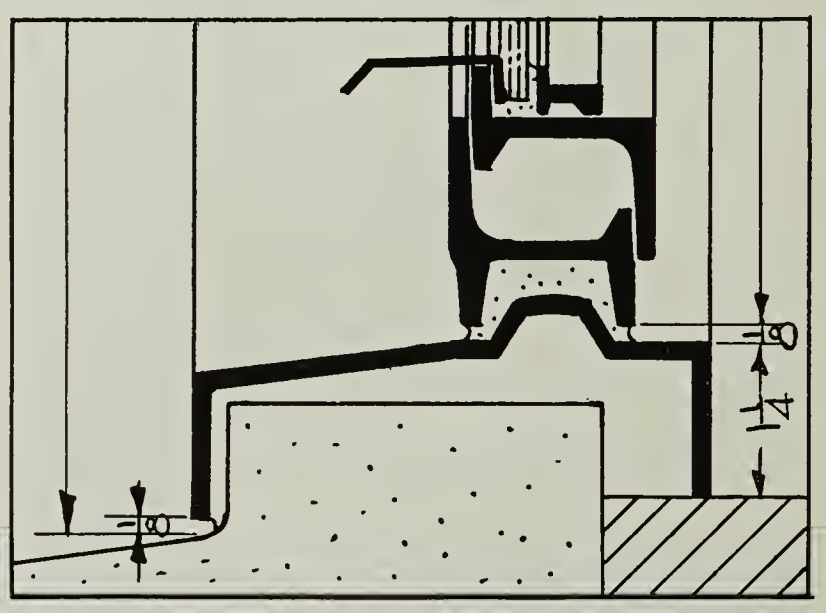
MULLION



MULLION



SILL (SIDE HINGED OPEN OUT)



SILL (SIDE HINGED OPEN IN)

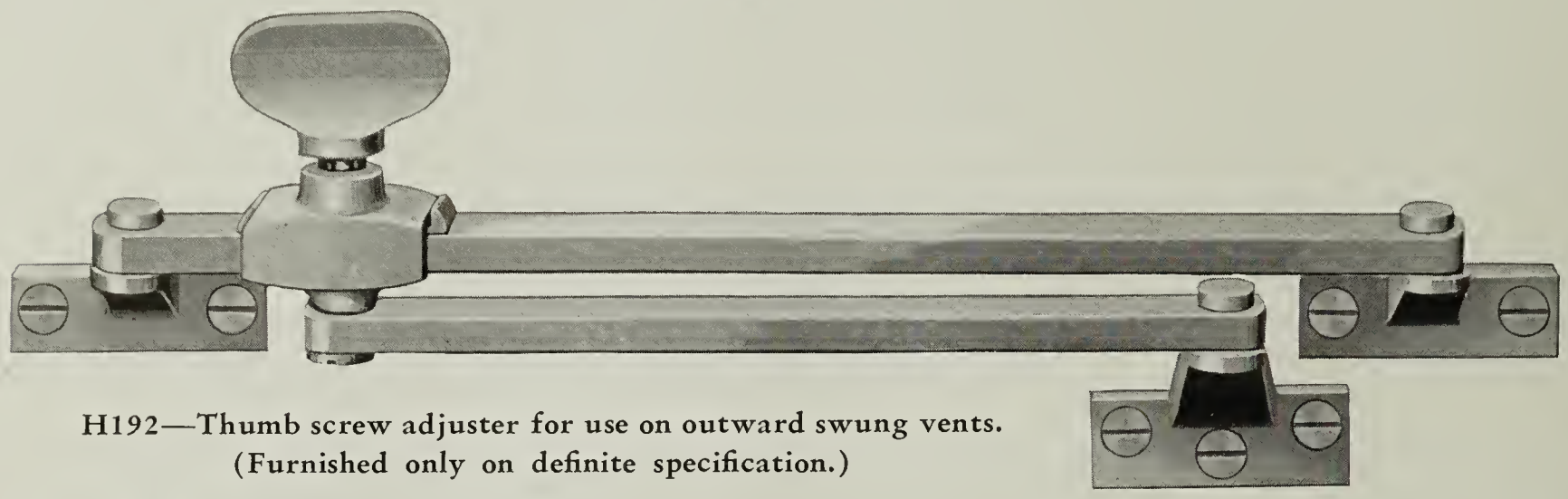
CAMPBELL METAL WINDOW CORP NEW YORK	**400-B SERIES CASEMENTS** **INTERIOR GLAZED 4" PLATE SUB FRAME IN MASONRY CONSTRUCTION**	PLATE G-20 JUNE 1934

The following Plates G21 and G22 depict a few of the standard items of

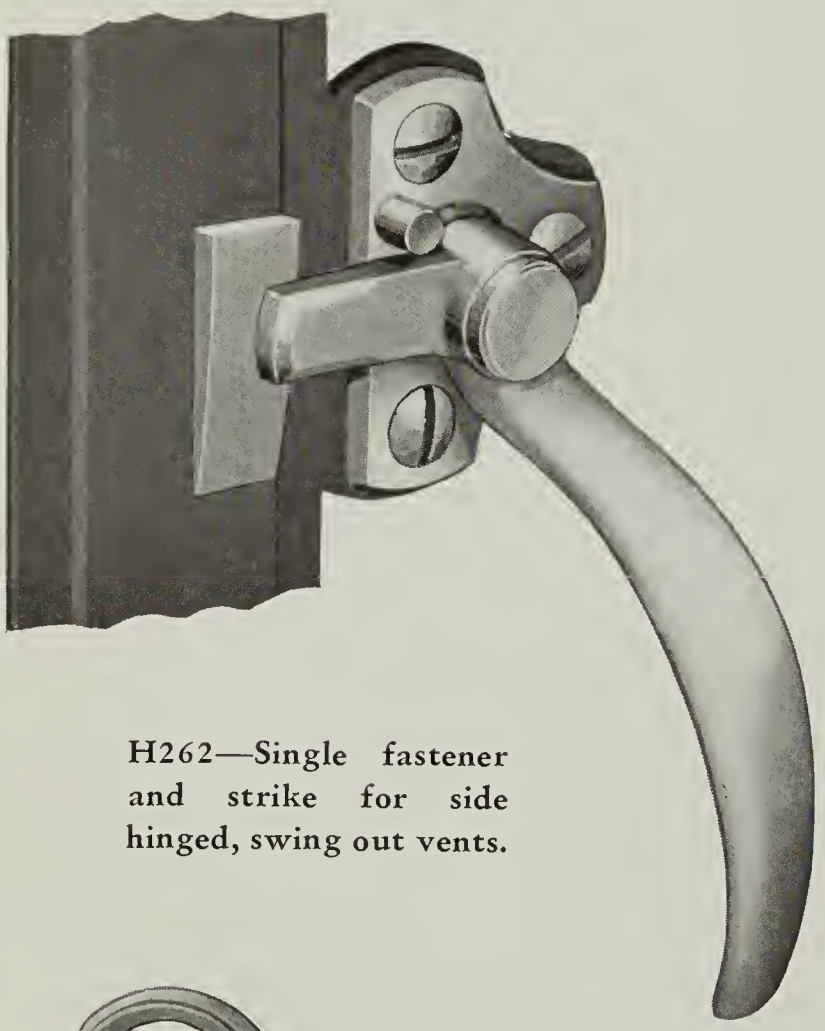
CAMPBELL CASEMENT HARDWARE

A large variety and assortment of specially designed items can be furnished in various metals and finishes at a slight extra cost.

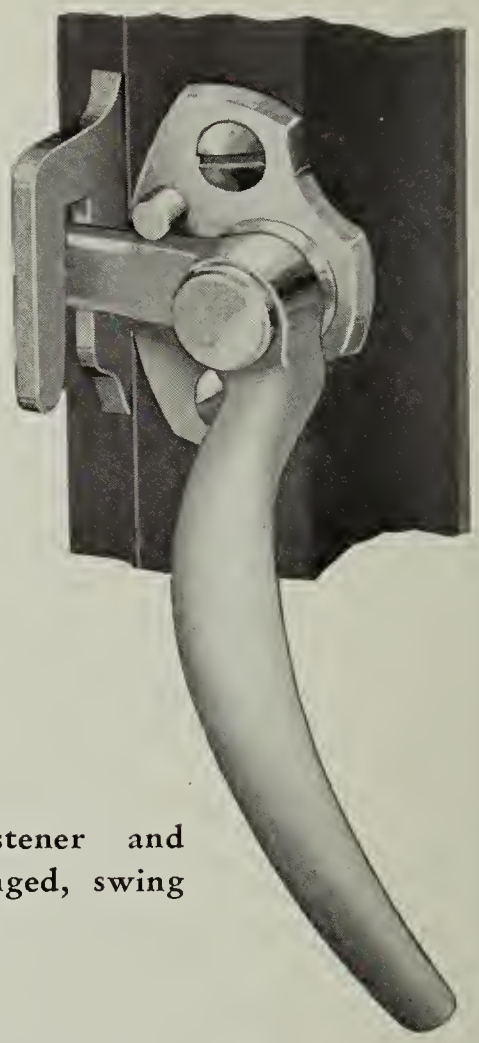
HARDWARE



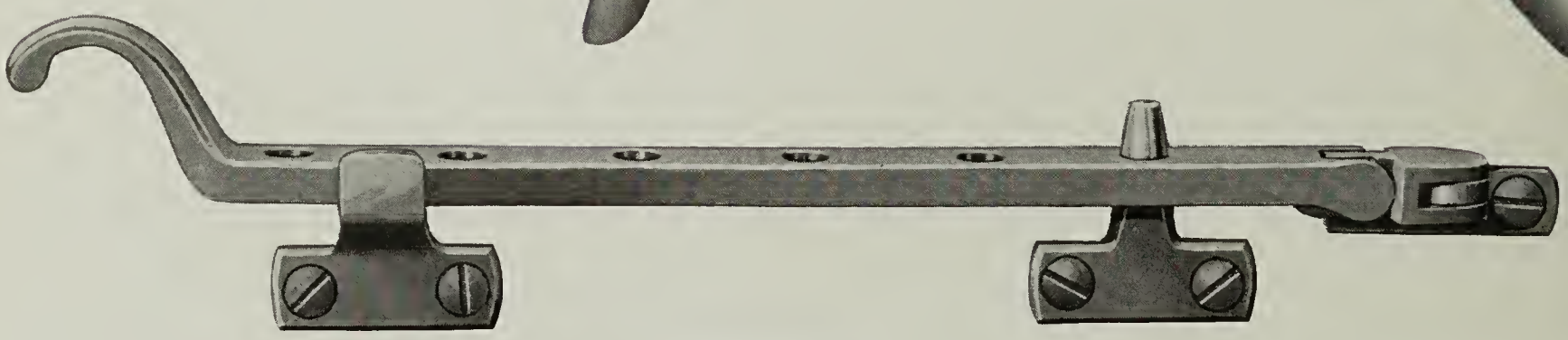
H192—Thumb screw adjuster for use on outward swung vents.
(Furnished only on definite specification.)



H262—Single fastener and strike for side hinged, swing out vents.



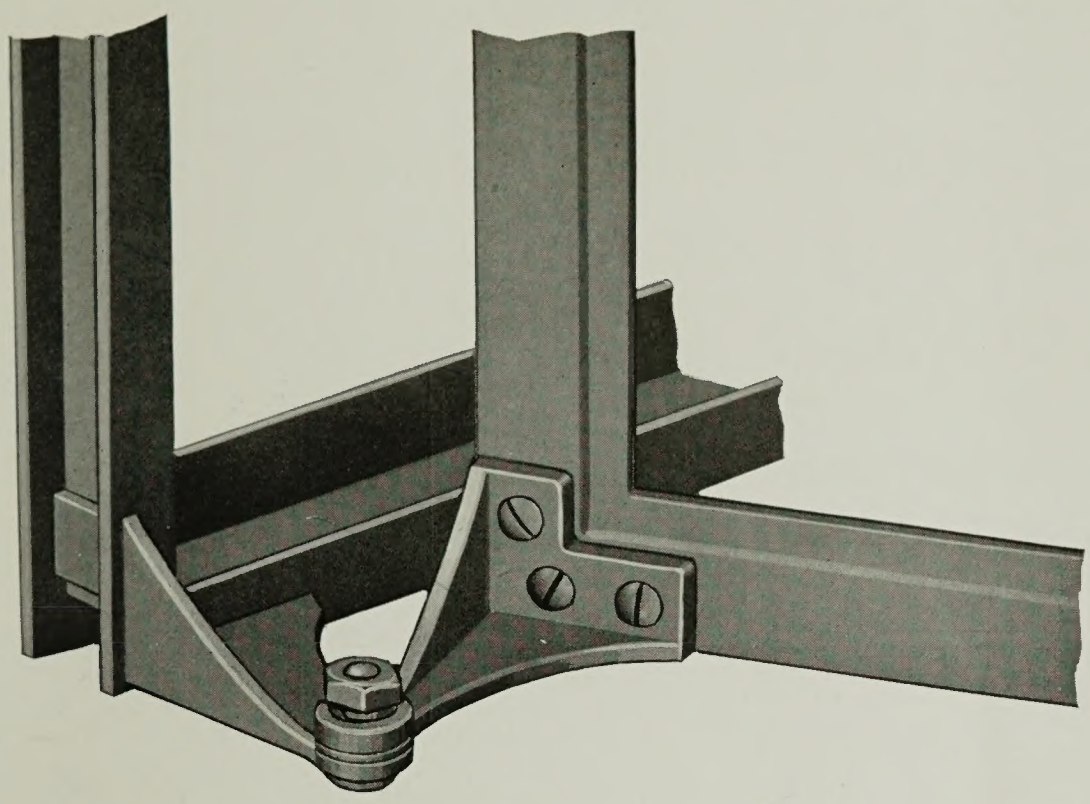
H265 — Single fastener and keeper for side hinged, swing in vents.



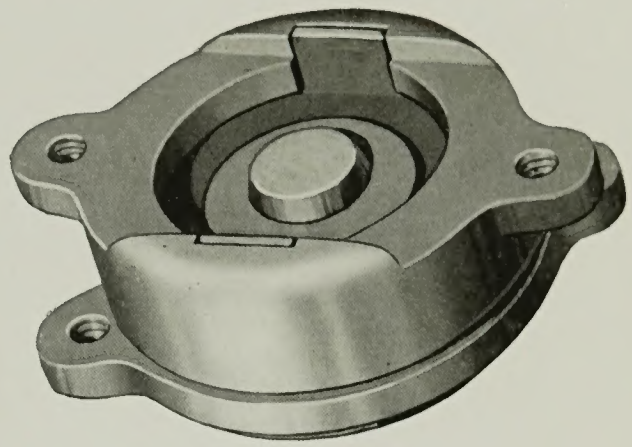
H155—Peg stay.

PLATE
G-21
JUNE 1934

HARDWARE

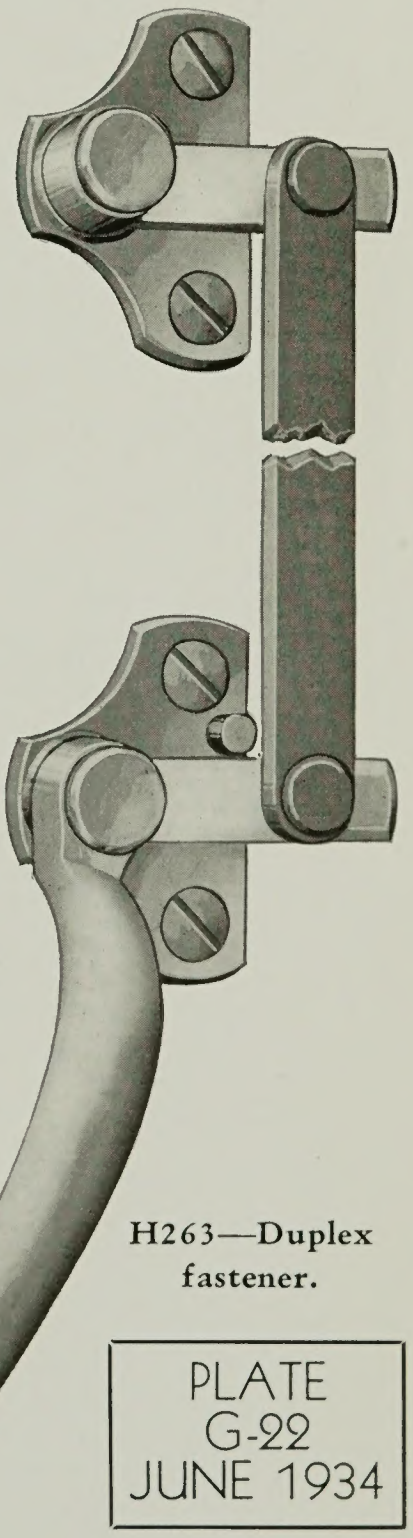


Application of H165—Steel extension friction hinge.

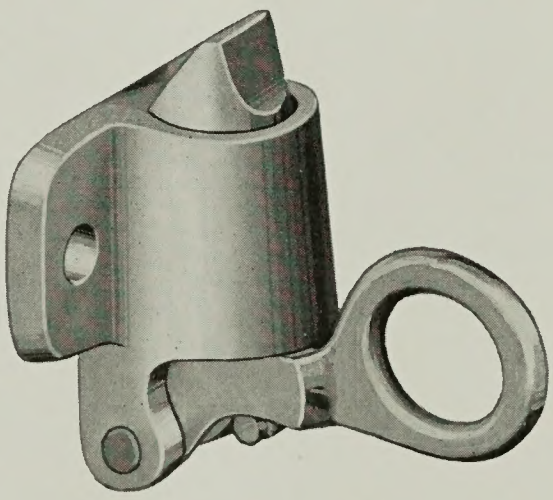


H198—Non-friction pivot.

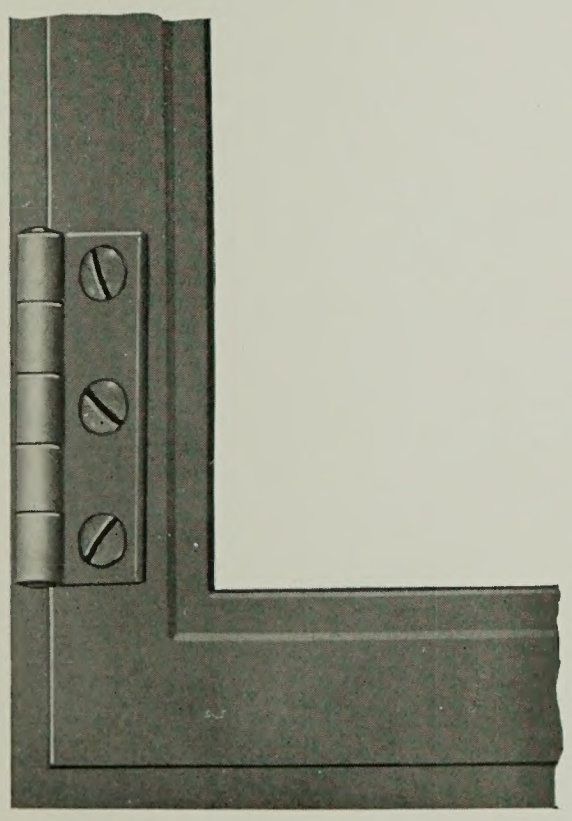
H218—Friction pivot.



H263—Duplex fastener.



H18—Ring catch.



Application of H225—Steel half surface butt.

PLATE
G-22
JUNE 1934

A FEW BUILDINGS EQUIPPED WITH CAMPBELL WINDOWS WHICH WERE FABRICATED AT THE BALTIMORE PLANT.

INDUSTRIAL INSTALLATIONS

	QUANTITY
Rindge Technical School, Boston	1934
Parcel Post Building, N. Y. C.	6340
Rikers Island, N. Y.	7189
Attica State Prison, N. Y.	6854
Pilgrim State Hospital	8428
DuPont — Old Hickory Plant	470
DuPont — Carney's Point Plant	825
Consolidated Gas, Hunts Point, N. Y.	1700

CASEMENT INSTALLATIONS

Department of Justice Building, Washington, D. C.	2049
Archives Building, Washington	1670
Ft. Worth Court House	1200
St. Louis Court House	1078
Century Apartments, N. Y. C.	2812
Majestic Apartments, N. Y. C.	3122
U. S. Post Office, Pittsburgh	1853
Los Angeles Times Mirror	1064

DOUBLE-HUNG INSTALLATIONS

Rockefeller Center, N. Y. C.	15,000
Empire State Building, N. Y. C.	6349
New York Hospital, N. Y. C.	7260
Waldorf-Astoria Hotel, N. Y. C.	5273
Internal Revenue Building, Washington, D. C.	3136
Civic Opera Building, Chicago, Ill.	4450
U. S. Post Office, Chicago, Ill.	2779

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